

# Relay Sockets



PCB Type Socket



Screw Type Socket



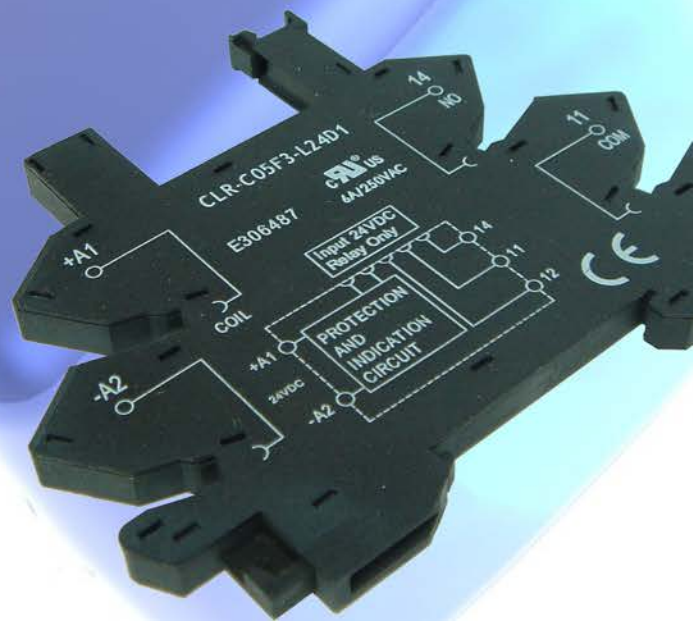
Cage Clamp Type Socket



LED Module



Socket Accessories



**CHENYAO**

= Professional Relay Socket =

## **Company Introduction**

Chenyao Electronic Co., Ltd. is specialized in supplying relay sockets used in production and industrial control, connector and PCB assembling applications. Both of our factories in China producing sockets and automotive PCB assembling products are approved by ISO. Since the establishment of Chenyao, it is our goal to serve our customers with excellence technical support, quality products, and with our sincere and thoughtful services.

We have more than 60 types of different relay sockets available to provide our customers with a wide application range. From PCB insertion or DIN rail fixation, to the choices of connecting wire by screw or by cage clamp. Our customers could find a complete range of product line to satisfy their different socket needs. In addition, Chenyao offers accessory selection including LED modules, retainers, contact bridges and writing tabs. All of our sockets are approved by UL. Chenyao develops continuously new products to satisfy the market needs.

Our target is to supply our customers with better technique, in time service in sales and technical supports, quality products and in reasonable prices. Chenyao is your most reliable partner for socket and accessories.

## **The Operation Policy of Chenyao:**

### **Sincerity and Mutual Benefits:**

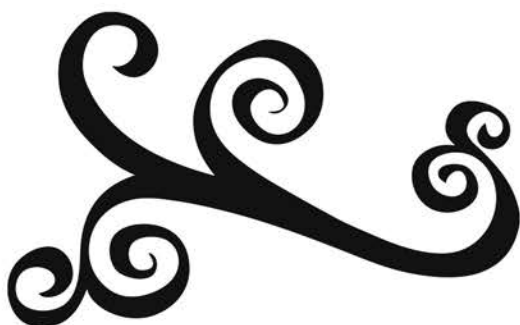
To supply our customer products and services with quality. To build up a sincere relationship and to ensure mutual benefits could be created for a win-win situation.

### **Continuous Improvement:**

Chenyao accepts and conducts new ideas into our products and new developments to increase their quality and to make our products more competitive in the market.

### **To Be Closer to the Customers:**

To be closer to the customers, Chenyao understands the market needs and we integrate our resources to supply better products and services.





## CSR



CSR-P35

**01**



CSR-P50

**02**



CSR-P35-

**03**



CSR-P50-

**04**



CSR-S35F2

**05**



CSR-S50F2

**06**



CSR-S35F3

**07**



CSR-S50F3

**08**



CSR-S35F3-R

**09**



CSR-S50F3-R

**10**



CSR-C35F3

**11**



CSR-C50F3

**12**

## CST



CST-S08F2

**13**



CST-S11F2

**14**



CST-S14F2

**15**



CST-S08F3

**16**

## CST



CST-S11F3

**17**



CST-S14F3

**18**



CST-C08F3

**19**



CST-C14F3

**20**



CST-P08

**21**



CST-P11

**22**



CST-P14

**23**



CST-Q08

**24**



CST-Q11

**25**



CST-Q14

**26**



CST-A08F2

**27**



CST-A08F2-W

**28**



CST-A11F2

**29**



CST-A14F2

**30**



CST-A14F2-W

**31**



CST-B08F2

**32**



## CST



CST-B08F2-W

**33**



CST-B08F2-L

**34**



CST-B11F2

**35**



CST-B14F2

**36**



CST-B14F2-W

**37**



CST-B14F2-L

**38**

## CSM



CSM-S08F1

**39**



CSM-S11F1

**40**



CSM-S11F1-R

**41**



CSM-S08F1-H

**42**



CSM-S11F1-H

**43**



CSM-S08F1-L

**44**



CSM-S11F1-L

**45**



CSM-A08F1

**46**



CSM-B08F1

**47**



CSM-A11F2

**48**

## CSM



CSM-B11F2

**49**



CSM-A08F1-B

**50**



CSM-A08F1-D

**51**

## CLR



CLR-P05

**52**



CLR-S05F3

**53**



CLR-C05F3

**54**

## CET



CET-S08F2

**55**



CET-P08

**56**



CET-Q08

**57**



CET-Q08-H

**58**



CET-A08F2

**59**



CET-A14F2

**60**



## CET



CET-B08F2

**61**



CET-B14F2

**62**



CET-A08F1-V

**63**



CET-A08F2-M

**64**

## CRK



CRK-A11F2-H

**65**



CRK-A08F2-M

**66**



CRK-A11F2-M

**67**

## CSV



CSV-P05

**68**



CSV-P08

**69**



CSV-A05F2

**70**



CSV-A08F2

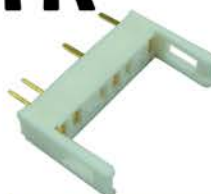
**71**

## CMR



CMR-P04S

**72**



CMR-P04L

**73**

## Others



LM (for ERSCE System)

**74**



LM (for TYCO SYSTEM)

**75**



LLM (for ERSCE SYSTEM)

**76**



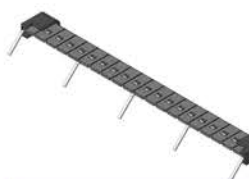
Accessories

**77**



Accessories

**78**



Accessories

**79**

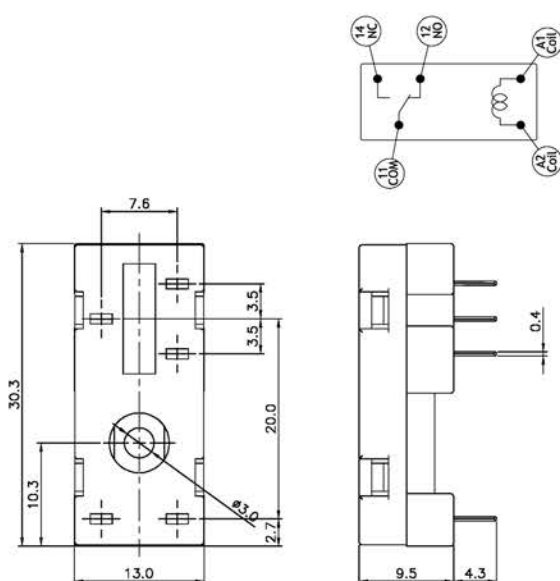




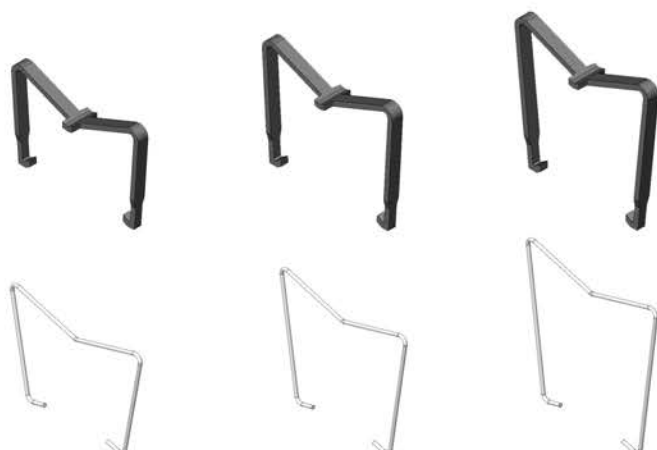
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC..150/300VAC  
 Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥ 4/4mm  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag:.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70 °C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....3g  
 Packaging unit.....100 pcs.

## Order Information

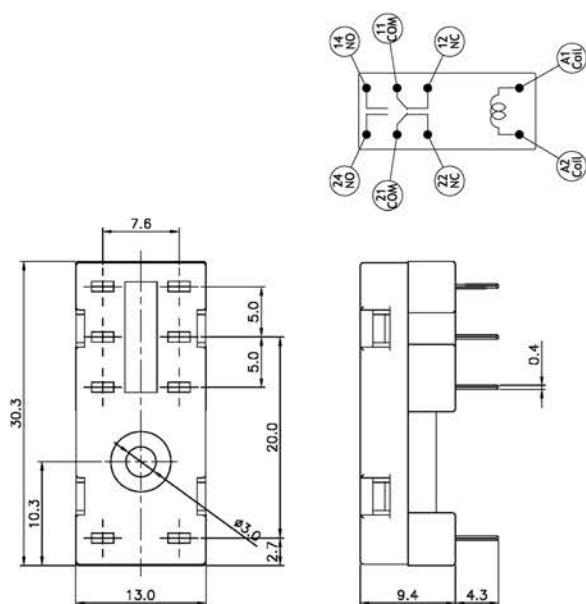
### CSR - P 35

|                |                                                                |
|----------------|----------------------------------------------------------------|
| Terminal pitch | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch) |
| Contact form   | P (for PCB terminal)                                           |
| Item           | CSR                                                            |

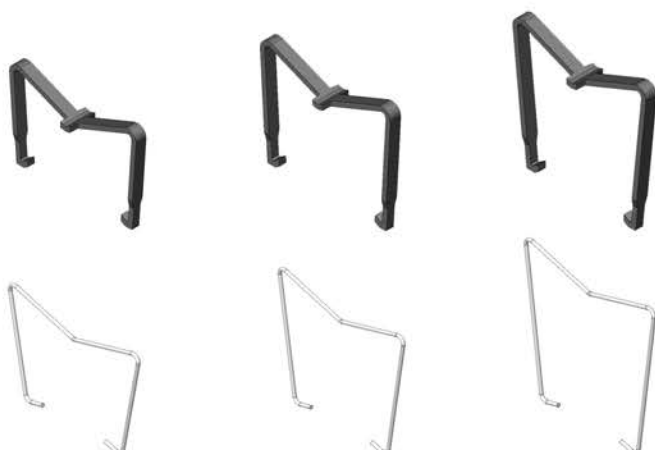


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC..150/300VAC  
 Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥ 4/4mm  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag:.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70°C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....3g  
 Packaging unit.....100 pcs.

## Order Information

### CSR - P 50

|                |                                                                |
|----------------|----------------------------------------------------------------|
| Terminal pitch | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch) |
| Contact form   | P (for PCB terminal)                                           |
| Item           | CSR                                                            |

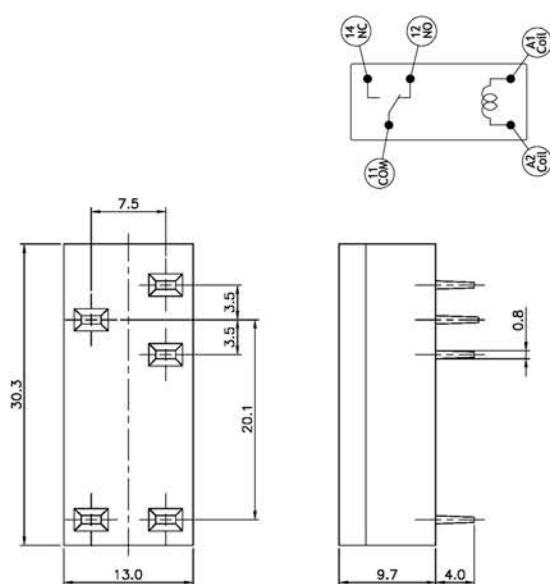




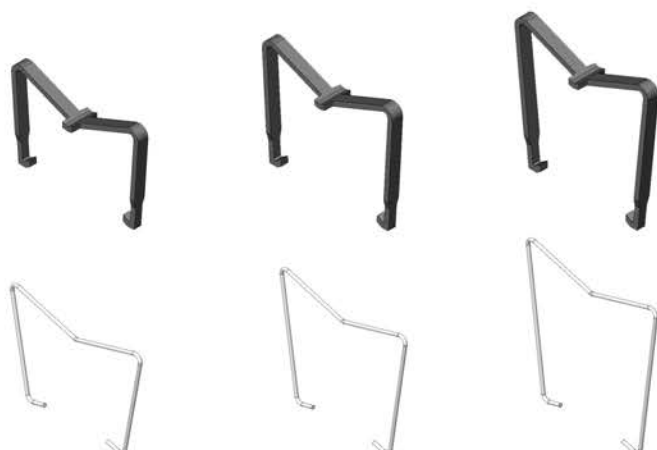
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC..150/300VAC  
 Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥ 4/4mm  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag:.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70°C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....3g  
 Packaging unit.....100 pcs.

## Order Information

### CSR - P 35-

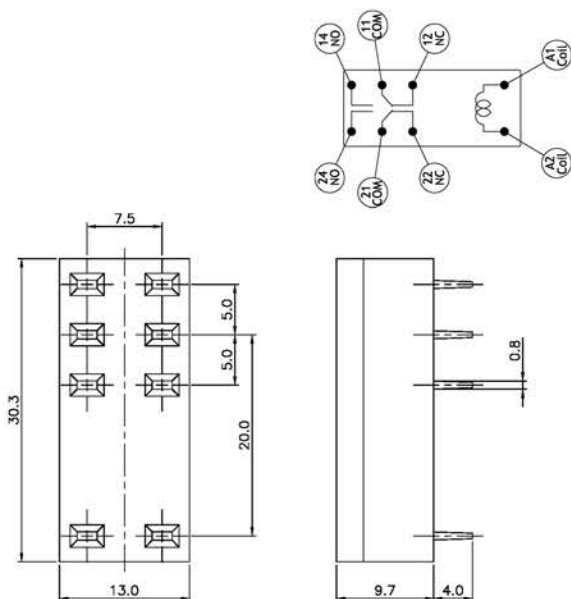
|                |                                                                  |
|----------------|------------------------------------------------------------------|
| Terminal pitch | 35- (for 3.5mm terminal pitch)<br>50- (for 5.0mm terminal pitch) |
| Contact form   | P (for PCB terminal)                                             |
| Item           | CSR                                                              |



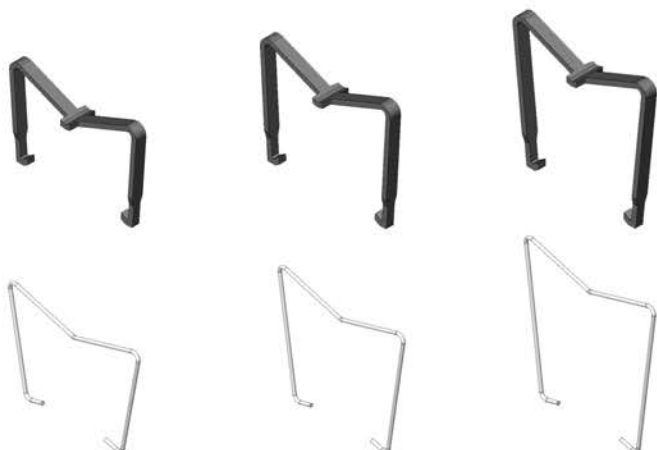


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC..150/300VAC  
 Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥ 4/4mm  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70°C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....3g  
 Packaging unit.....100 pcs.

## Order Information

### CSR - P 50-

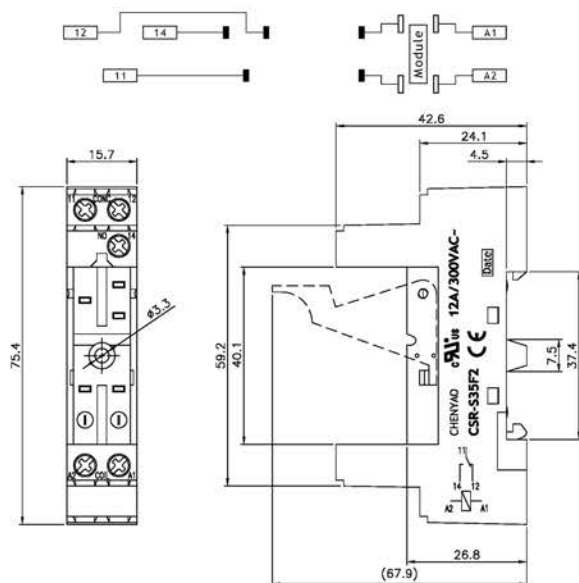
|                |                                                                  |
|----------------|------------------------------------------------------------------|
| Terminal pitch | 35- (for 3.5mm terminal pitch)<br>50- (for 5.0mm terminal pitch) |
| Contact form   | P (for PCB terminal)                                             |
| Item           | CSR                                                              |



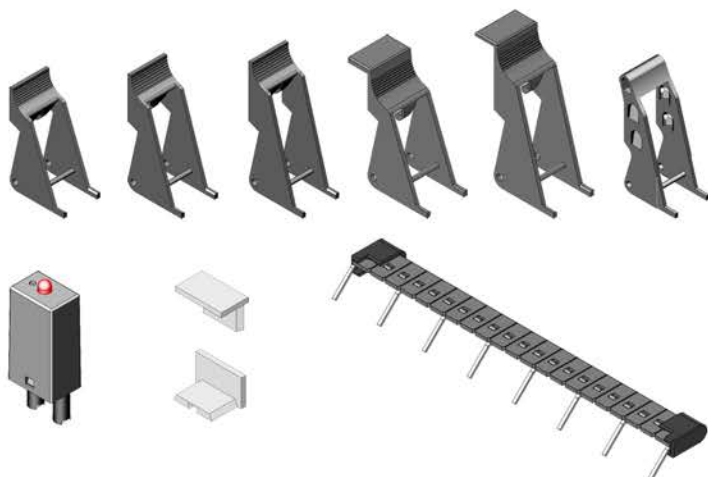
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 16, 20 or 25mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC.....300VAC  
Dielectric strength coil-contact circuit.....4,000V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥4/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

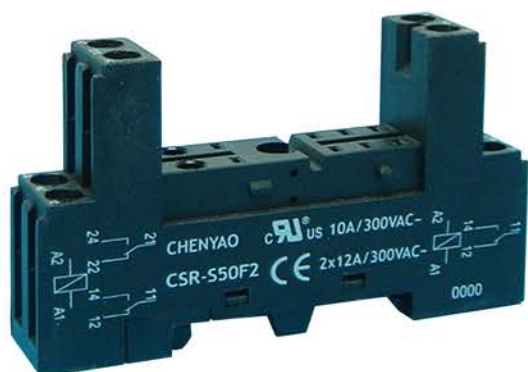
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....30g  
Packaging unit.....20 pcs.

## Order Information

**CSR - S 35 F2 - □**

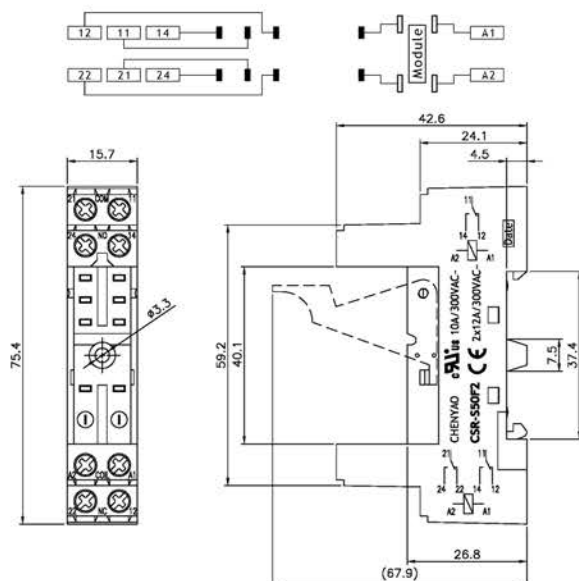
|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>R (for level function different)                |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                          |
| Terminal pitch    | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch)        |
| Contact form      | P (for PCB terminal)<br>S (for screw type)<br>C (for cage clamp type) |
| Item              | CSR                                                                   |



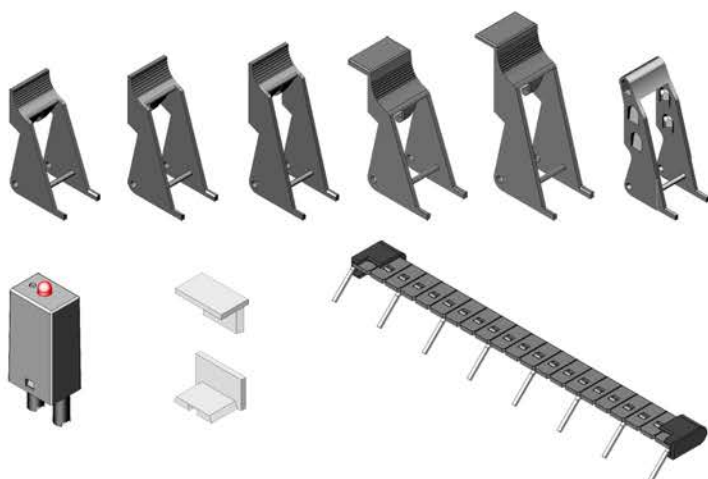


UL/CUL No: E306487, CSA No: 2347925

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 16, 20 or 25mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC.....300VAC  
Dielectric strength coil-contact circuit.....4,000V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥4/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....31g  
Packaging unit.....20 pcs.

## Order Information

**CSR - S 50 F2 - □**

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>R (for level function different)                |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                          |
| Terminal pitch    | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch)        |
| Contact form      | P (for PCB terminal)<br>S (for screw type)<br>C (for cage clamp type) |
| Item              | CSR                                                                   |

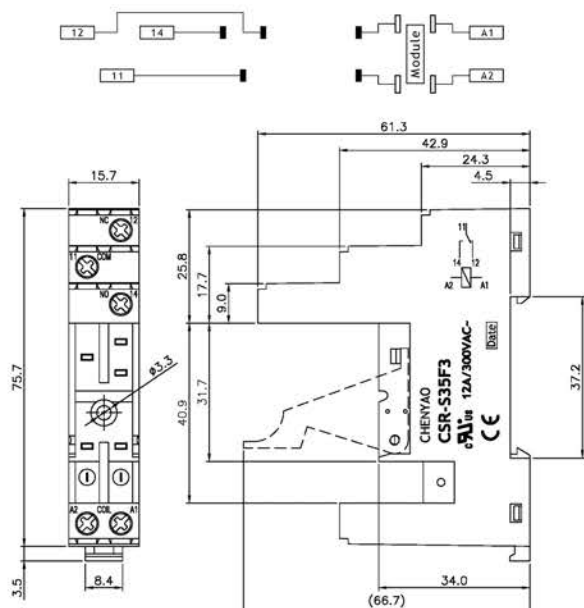




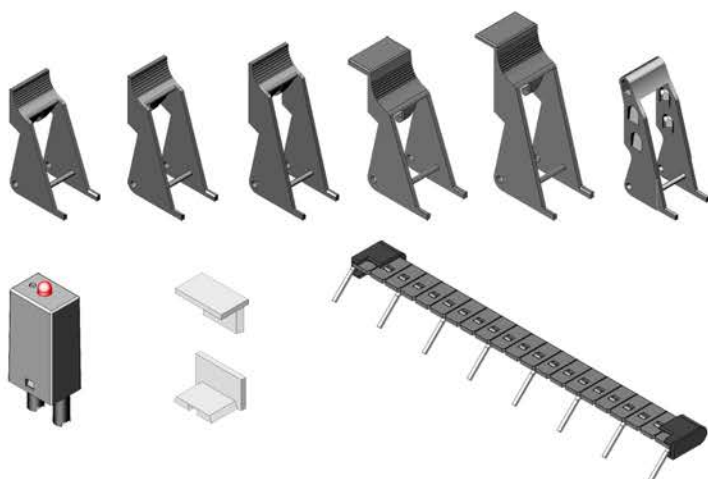
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 16, 20 or 25mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Sockets with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC.....300VAC  
Dielectric strength coil-contact circuit.....4,000V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥ 8/8mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

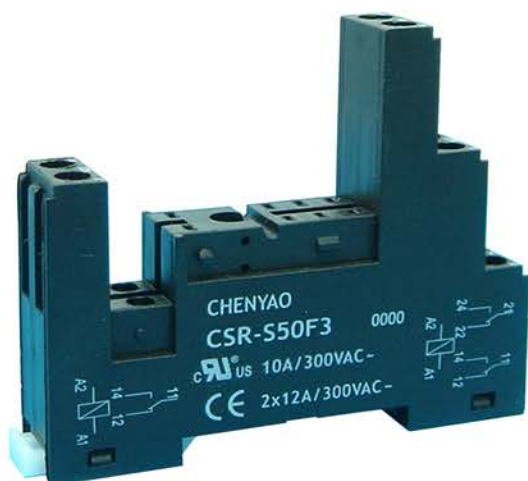
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2x1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....34g  
Packaging unit.....20 pcs.

## Order Information

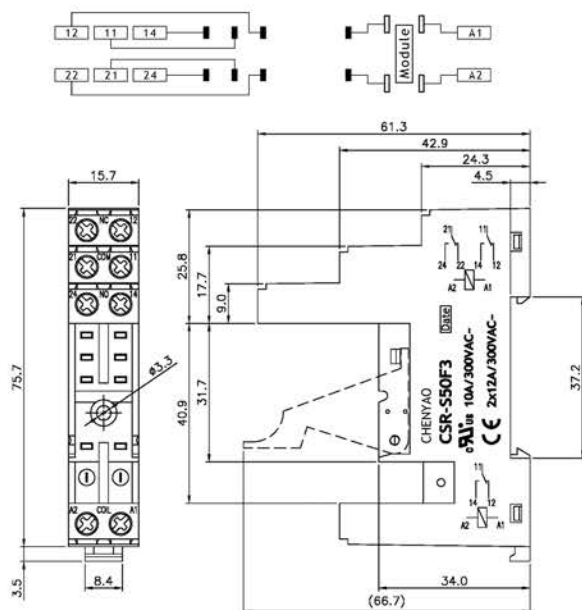
**CSR - S 35 F3 - □**

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>R (for level function different)                |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                          |
| Terminal pitch    | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch)        |
| Contact form      | P (for PCB terminal)<br>S (for screw type)<br>C (for cage clamp type) |
| Item              | CSR                                                                   |

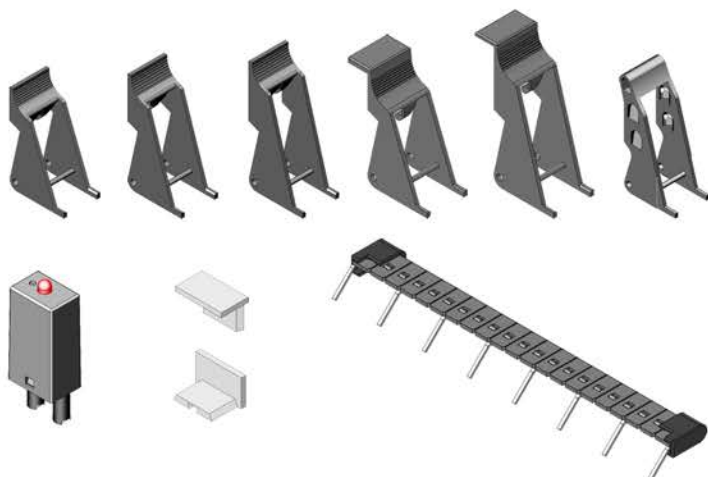


UL/CUL No: E306487, CSA No: 2347925

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 16, 20 or 25mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC.....300VAC  
Dielectric strength coil-contact circuit.....4,000V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥8/8mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

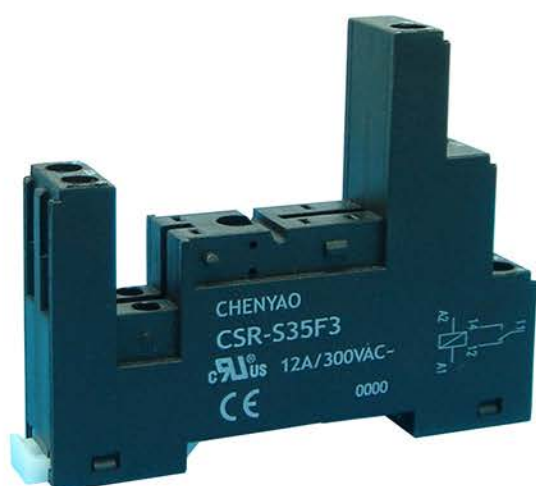
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2x1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....36g  
Packaging unit.....20 pcs.

## Order Information

**CSR - S 50 F3 - □**

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>R (for level function different)                |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                          |
| Terminal pitch    | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch)        |
| Contact form      | P (for PCB terminal)<br>S (for screw type)<br>C (for cage clamp type) |
| Item              | CSR                                                                   |

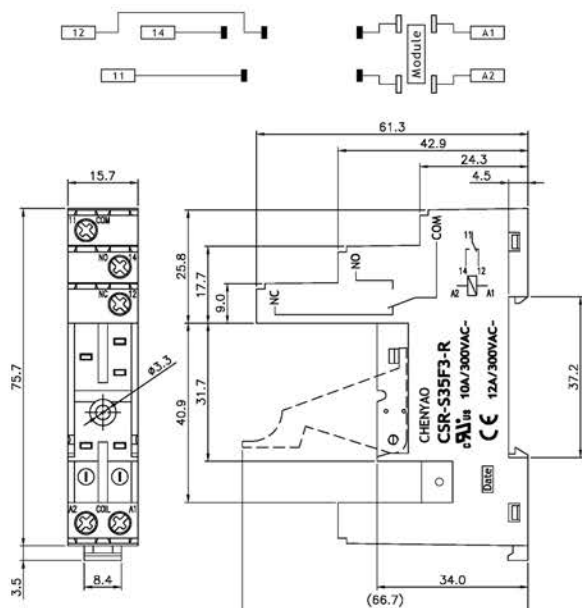




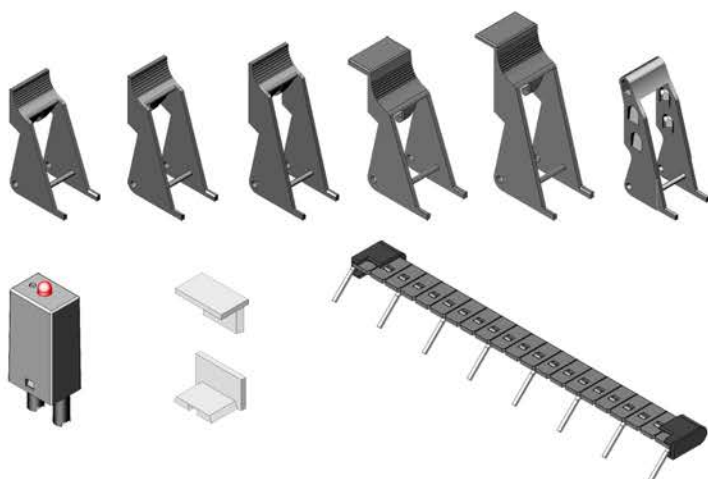
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 16, 20 or 25mm height.
- CSR-S35F3-R switch side levels arrangement is same as CSR-S35F3.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Sockets with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC.....300VAC  
Dielectric strength coil-contact circuit.....4,000V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥8/8mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....34g  
Packaging unit.....20 pcs.

## Order Information

### CSR - S 35 F3 - R

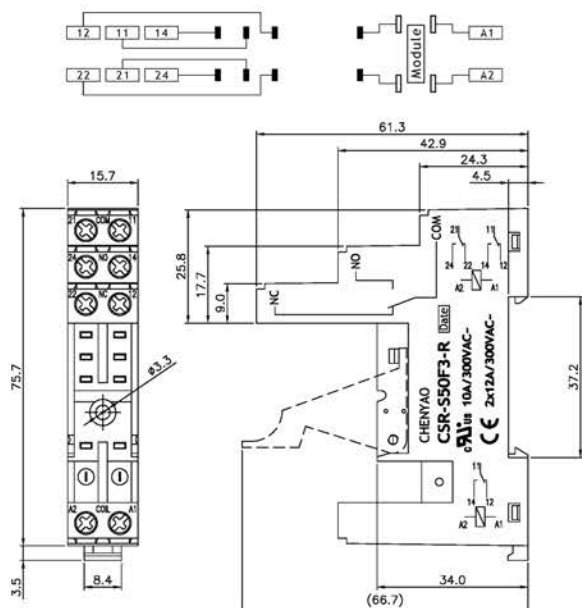
|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>R (for level function different)                |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                          |
| Terminal pitch    | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch)        |
| Contact form      | P (for PCB terminal)<br>S (for screw type)<br>C (for cage clamp type) |
| Item              | CSR                                                                   |



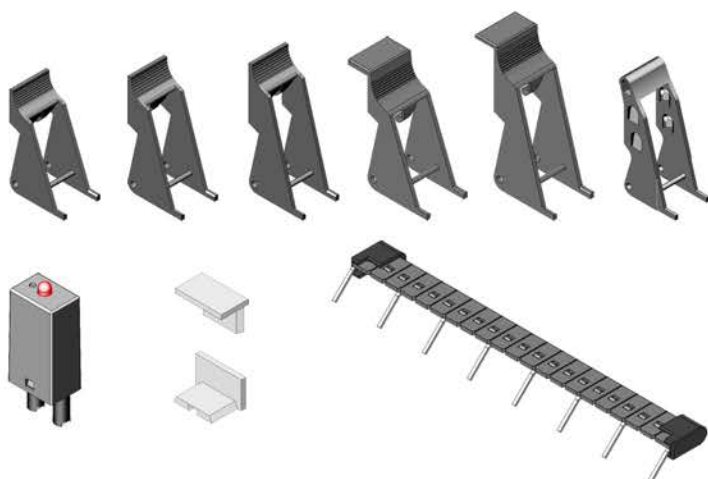
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 16, 20 or 25mm height.
- CSR-S50F3-R switch side levels arrangement is same as CSR-S50F3.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Sockets with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC.....300VAC  
Dielectric strength coil-contact circuit.....4,000V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥8/8mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....36g  
Packaging unit.....20 pcs.

## Order Information

### CSR - S 50 F3 - R

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>R (for level function different)                |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                          |
| Terminal pitch    | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch)        |
| Contact form      | P (for PCB terminal)<br>S (for screw type)<br>C (for cage clamp type) |
| Item              | CSR                                                                   |

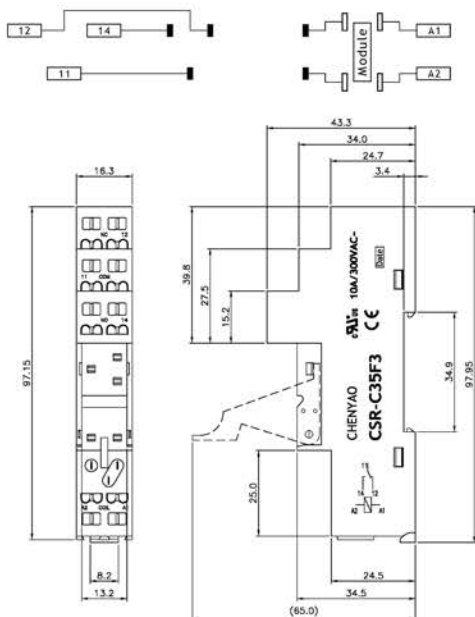




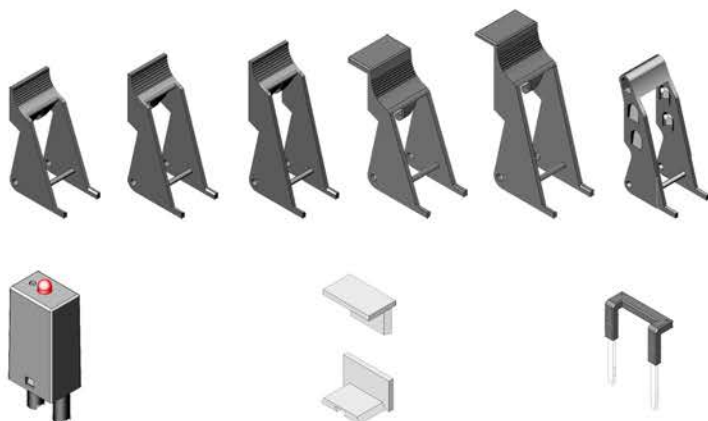
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with cage clamp terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 16, 20 or 25mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Sockets with cage clamp-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC.....300VAC  
Dielectric strength coil-contact circuit.....4,000V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥8/8mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+70°C  
Terminals.....cage clamp  
Wire strip length.....7mm

### Max wire size

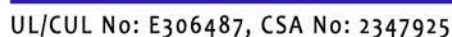
Solid wire.....2X(0.2...1.5)mm<sup>2</sup>  
Stranded wire.....2X(0.2...1.5)mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....-  
Mounting distance.....0, dense packing  
Weight.....41g  
Packaging unit.....20 pcs.

## Order Information

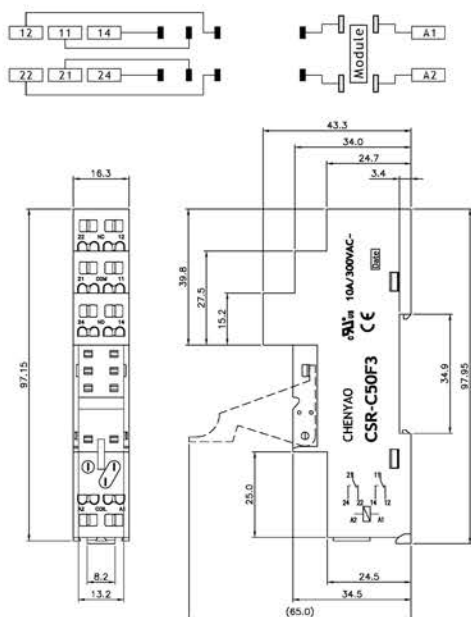
**CSR - C 35 F3 - □**

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Special remark    | NII (for standard)<br>R (for level function different)                |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                          |
| Terminal pitch    | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch)        |
| Contact form      | P (for PCB terminal)<br>S (for screw type)<br>C (for cage clamp type) |
| Item              | CSR                                                                   |

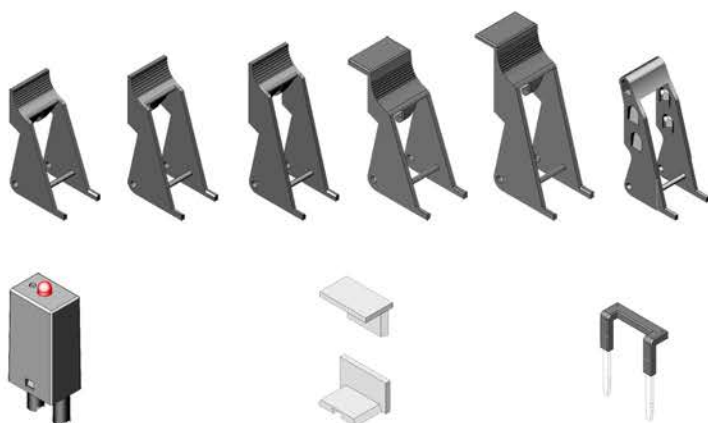
**CHENYAO**  
= Professional Relay Socket =



## Dimensions



## Accessories



## Main Feature

- Socket with cage clamp terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 16, 20 or 25mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Sockets with cage clamp-type terminal for DIN-rail mounting.

## Specifications

|                                                |                              |
|------------------------------------------------|------------------------------|
| Rated current.....                             | 12A                          |
| Rated voltage / max. Switching voltage AC..... | 300VAC                       |
| Dielectric strength coil-contact circuit.....  | 4,000V <sub>rms</sub>        |
| Clearance / creepage coil-contact circuit..... | ≥ 8/8mm                      |
| Material group of insulation parts.....        | ≥ IIIa                       |
| <b>Insulation to IEC 60664-1</b>               |                              |
| Type of insulation coil-contact circuit.....   | basic                        |
| Open contact circuit.....                      | functional                   |
| Rated insulation voltage.....                  | 250V                         |
| Pollution degree.....                          | 2                            |
| Rated voltage system.....                      | 230/400V                     |
| Over voltage category.....                     | III                          |
| <b>RoHS Directive 2002/95/EC</b>               |                              |
| Sockets, retainers and marking tag.....        | compliant                    |
| Degree of protection DIN 40050.....            | IP20                         |
| Ambient temperature range.....                 | -25... +70°C                 |
| Terminals.....                                 | cage clamp                   |
| Wire strip length.....                         | 7mm                          |
| <b>Max wire size</b>                           |                              |
| Solid wire.....                                | 2X(0.2...1.5)mm <sup>2</sup> |
| Stranded wire.....                             | 2x(0.2...1.5)mm <sup>2</sup> |
| Insertion cycles.....                          | A (10)                       |
| Max. Insertion Force total.....                | -                            |
| Mounting distance.....                         | 0, dense packing             |
| Weight.....                                    | 45g                          |
| Packaging unit.....                            | 20 pcs.                      |

## Order Information

| Item              | CSR                                                                   |
|-------------------|-----------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>R (for level function different)                |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                          |
| Terminal pitch    | 35 (for 3.5mm terminal pitch)<br>50 (for 5.0mm terminal pitch)        |
| Contact form      | P (for PCB terminal)<br>S (for screw type)<br>C (for cage clamp type) |

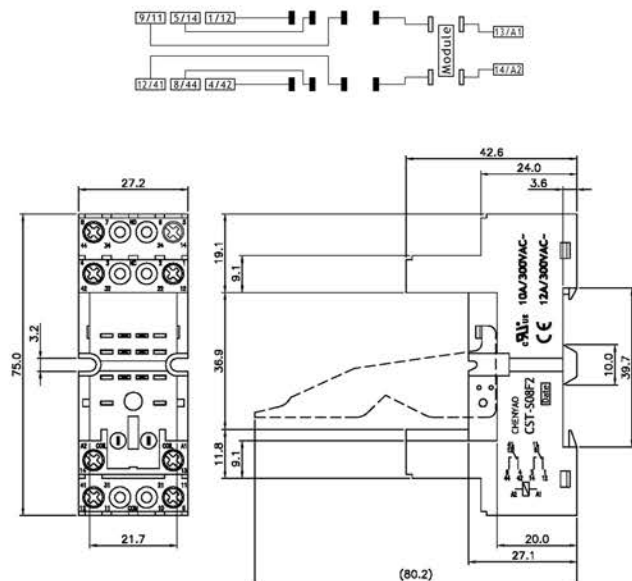




UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC..150/300VAC  
 Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥3/4mm  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70°C  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

### Wire cross section

Single wire.....1X4.0mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....41g  
 Packaging unit.....10 pcs.

## Order Information

**CST - S 08 F2 - □**

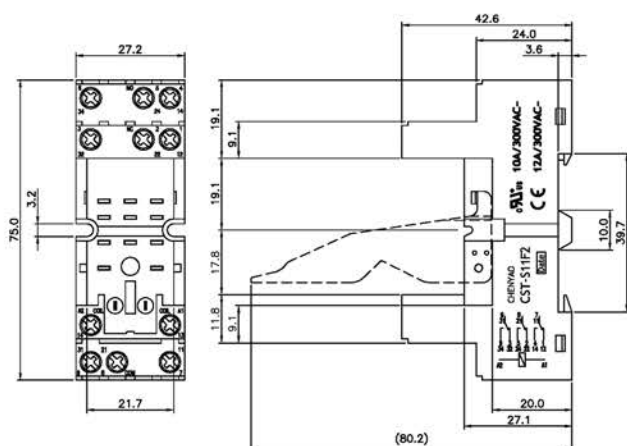
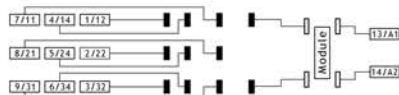
|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | NIL (for standard)<br>H (for high insulation)                                             |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                                              |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | S (for screw type)<br>C (for cage clamp type)                                             |
| Item              | CST                                                                                       |



UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥3/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....1X4.0mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....41g  
Packaging unit.....10 pcs.

## Order Information

**CST - S 11 F2 - □**

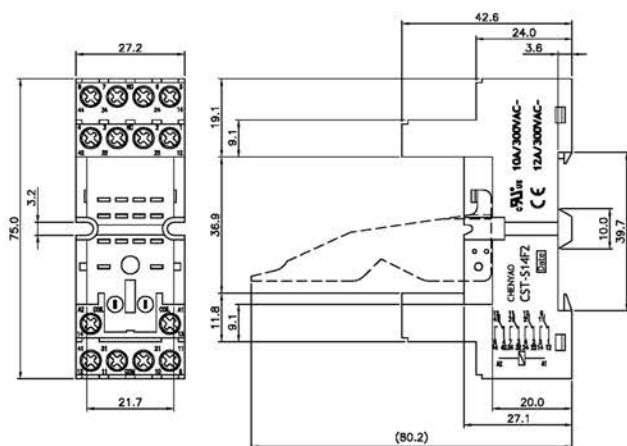
|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>H (for high insulation)                                             |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                                              |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | S (for screw type)<br>C (for cage clamp type)                                             |
| Item              | CST                                                                                       |





UL/CUL No: E306487, CSA No: 2347925

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥ 1.8/3mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....150/300V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....1X4.0mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....55g  
Packaging unit.....10 pcs.

## Order Information

**CST - S 14 F2 - □**

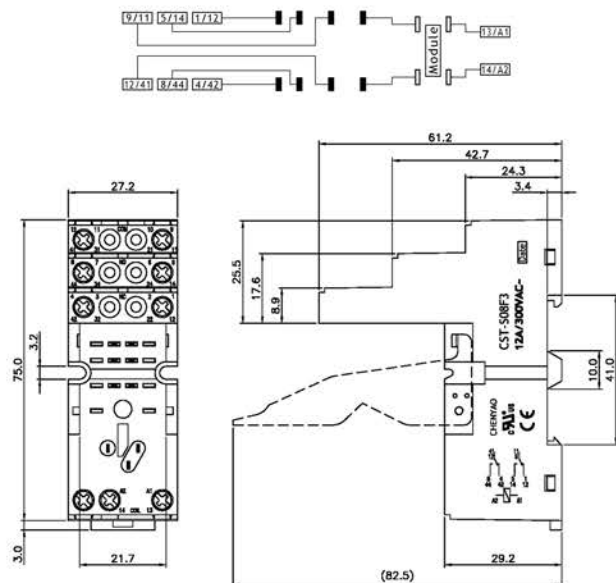
|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>H (for high insulation)                                             |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                                              |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | S (for screw type)<br>C (for cage clamp type)                                             |
| Item              | CST                                                                                       |



UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥3/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....1X4.0mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....44g  
Packaging unit.....10 pcs.

## Order Information

**CST - S 08 F3 - □**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>H (for high insulation)                                             |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                                              |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | S (for screw type)<br>C (for cage clamp type)                                             |
| Item              | CST                                                                                       |

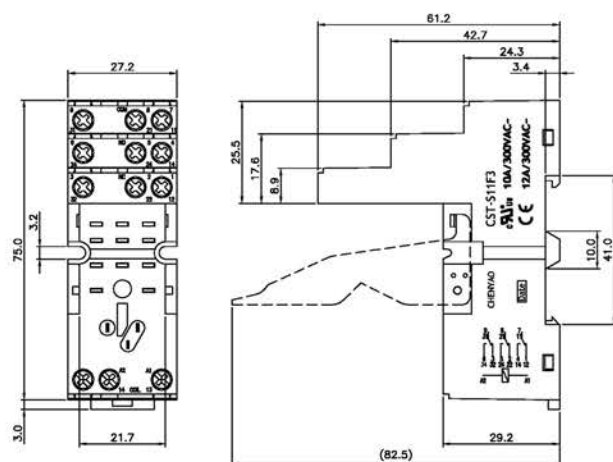
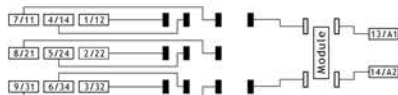




UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....2.6/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....1X4.0mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....52g  
Packaging unit.....10 pcs.

## Order Information

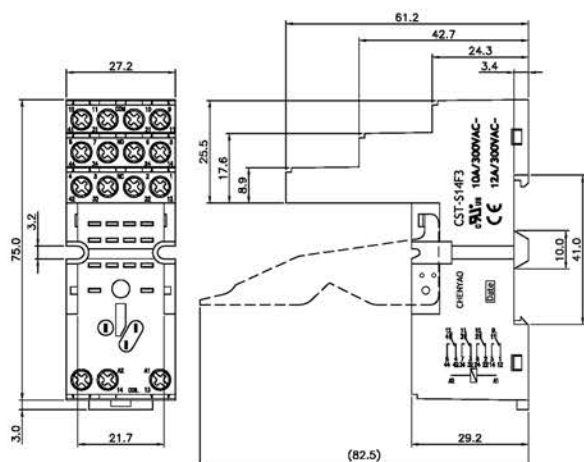
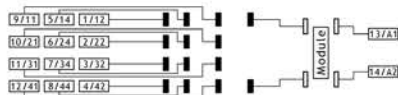
**CST - S 11 F3 - □**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>H (for high insulation)                                             |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                                              |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | S (for screw type)<br>C (for cage clamp type)                                             |
| Item              | CST                                                                                       |



UL/CUL No: E306487, CSA No: 2347925

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥ 1.8/3mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....150/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....1X4.0mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....60g  
Packaging unit.....10 pcs.

## Order Information

**CST - S 14 F3 - □**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>H (for high insulation)                                             |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                                              |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | S (for screw type)<br>C (for cage clamp type)                                             |
| Item              | CST                                                                                       |

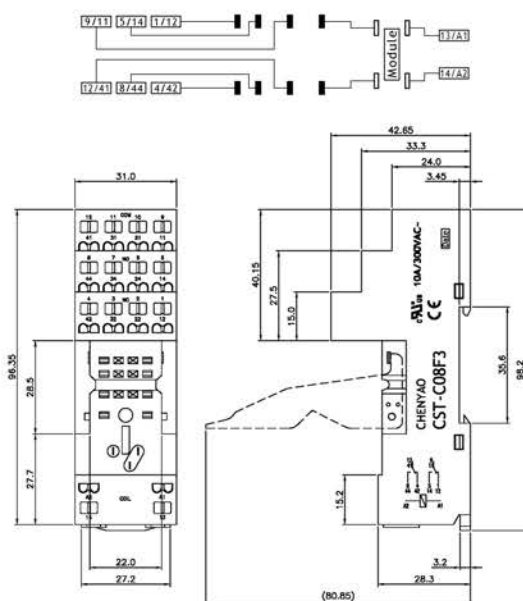




UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with cage clamp terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Sockets with cage clamp-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC..150/300VAC  
 Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥3/4mm  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70°C  
 Terminals.....cage clamp  
 Wire strip length.....7mm

### Max wire size

Solid wire.....2X(0.2...1.5)mm<sup>2</sup>  
 Stranded wire.....2X(0.2...1.5)mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....-  
 Mounting distance.....0, dense packing  
 Weight.....63g  
 Packaging unit.....10 pcs.

## Order Information

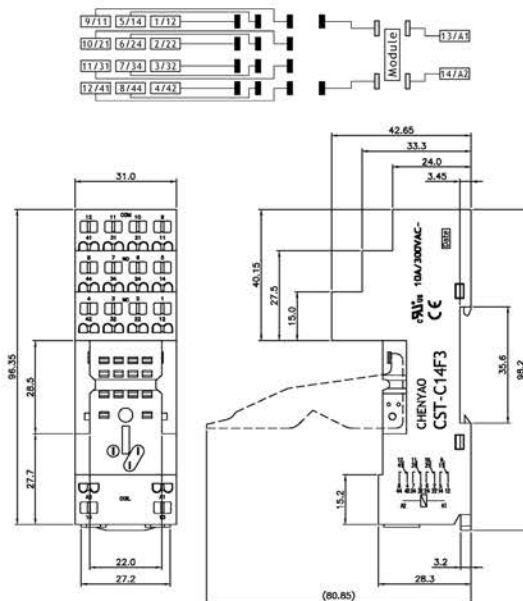
**CST - C 08 F3 - □**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>H (for high insulation)                                             |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                                              |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | S (for screw type)<br>C (for cage clamp type)                                             |
| Item              | CST                                                                                       |



UL/CUL No: E306487, CSA No: 2347925

## Dimensions



## Accessories



## Main Feature

- Socket with cage clamp terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Sockets with cage clamp-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥3/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....cage clamp  
Wire strip length.....7mm

### Max wire size

Solid wire.....2X(0.2...1.5)mm<sup>2</sup>  
Stranded wire.....2X(0.2...1.5)mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....-  
Mounting distance.....0, dense packing  
Weight.....78g  
Packaging unit.....10 pcs.

## Order Information

**CST - C 14 F3 - □**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | NH (for standard)<br>H (for high insulation)                                              |
| Insulation levels | F2 (for two levels)<br>F3 (for three levels)                                              |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | S (for screw type)<br>C (for cage clamp type)                                             |
| Item              | CST                                                                                       |

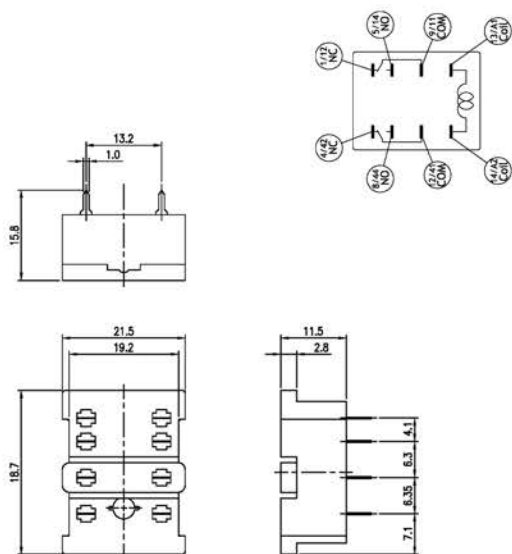




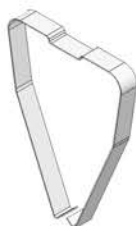
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC..150/250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +55°C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....7g  
 Packaging unit.....100 pcs.

## Order Information

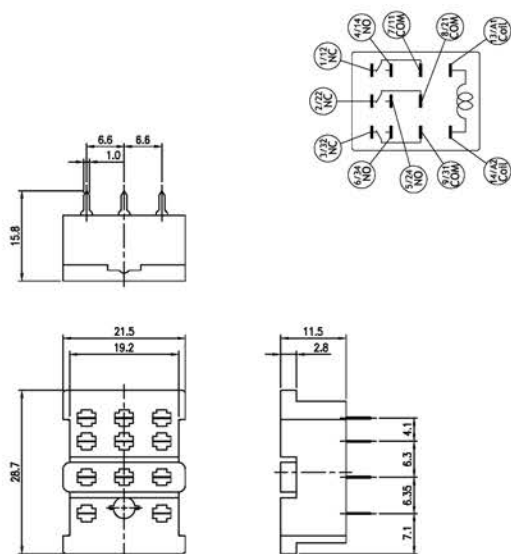
### CST - P 08

|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| Relay Terminals | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form    | P (for PCB terminal)<br>Q (for solder lug terminal)                                       |
| Item            | CST                                                                                       |

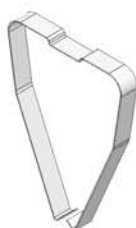


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC..150/250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55°C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....8g  
 Packaging unit.....100 pcs.

## Order Information

### CST - P 11

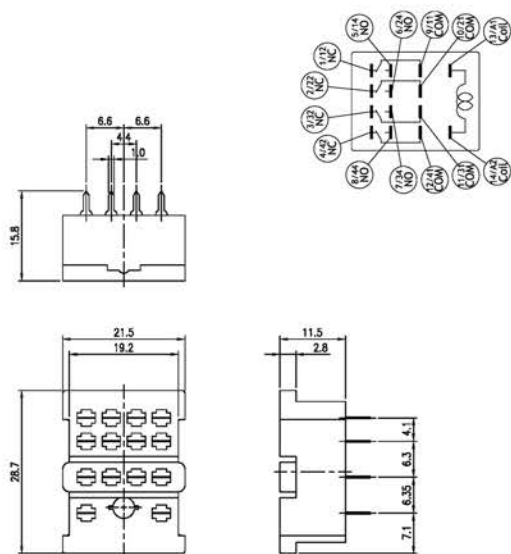
|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| Relay Terminals | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form    | P (for PCB terminal)<br>Q (for solder lug terminal)                                       |
| Item            | CST                                                                                       |



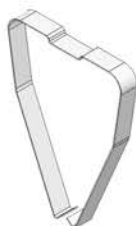


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

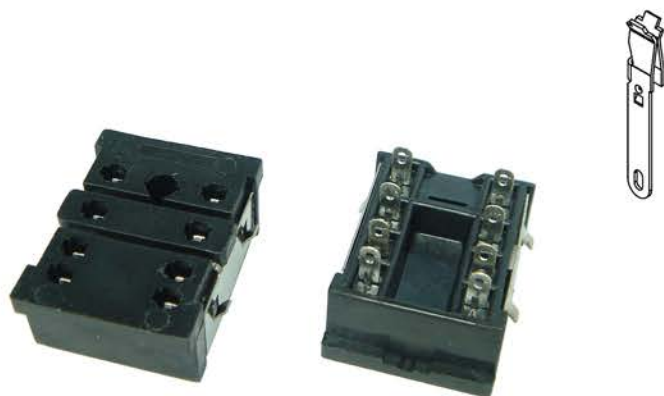
## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC..150/250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag:.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +55°C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....9g  
 Packaging unit.....100 pcs.

## Order Information

### CST - P 14

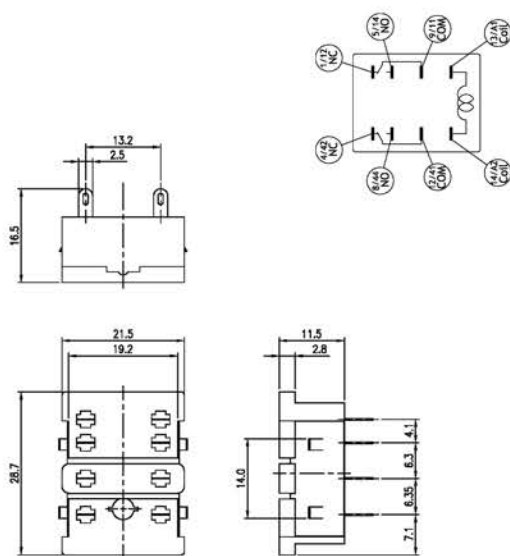
|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| Relay Terminals | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form    | P (for PCB terminal)<br>Q (for solder lug terminal)                                       |
| Item            | CST                                                                                       |



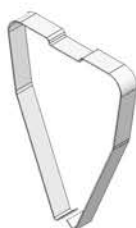
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with Quick terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with solder lug-type terminal.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC..150/250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +55℃  
 Terminals.....Quick  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....9g  
 Packaging unit.....100 pcs.

## Order Information

### CST - Q 08

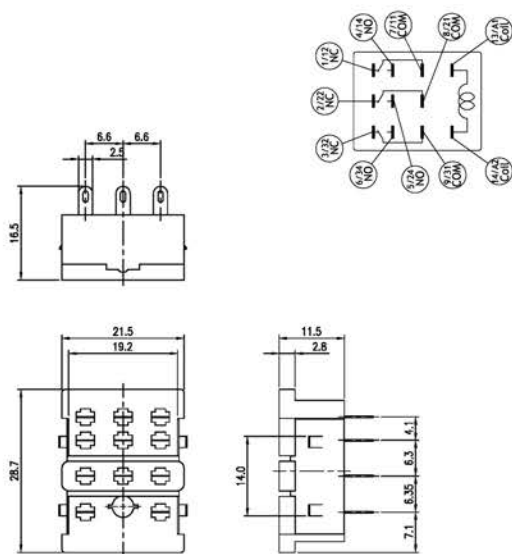
|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| Relay Terminals | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form    | P (for PCB terminal)<br>Q (for solder lug terminal)                                       |
| Item            | CST                                                                                       |



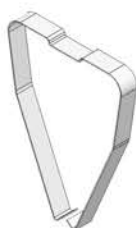


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with Quick terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with solder lug-type terminal.

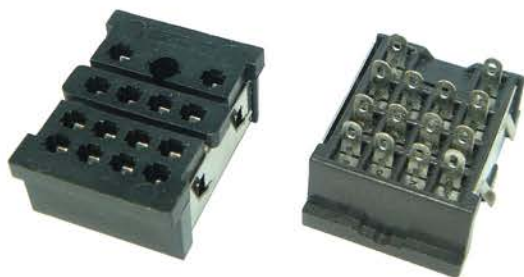
## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC..150/250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +55°C  
 Terminals.....Quick  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....10g  
 Packaging unit.....100 pcs.

## Order Information

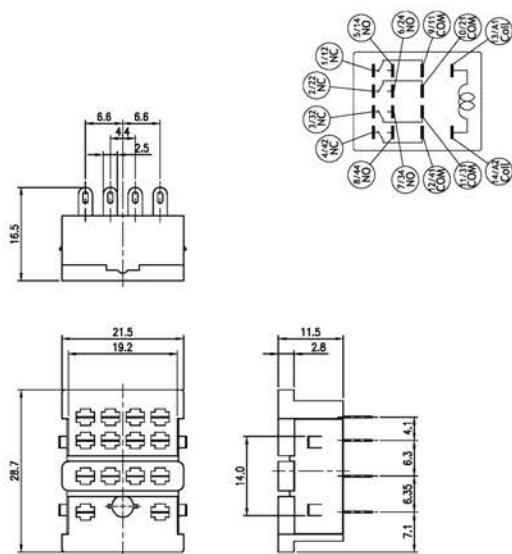
### CST - Q 11

|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| Relay Terminals | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form    | P (for PCB terminal)<br>Q (for solder lug terminal)                                       |
| Item            | CST                                                                                       |

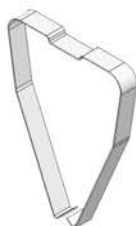


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with Quick terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with solder lug-type terminal.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC..150/250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55℃  
 Terminals.....Quick  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....11g  
 Packaging unit.....100 pcs.

## Order Information

### CST - Q 14

|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| Relay Terminals | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form    | P (for PCB terminal)<br>Q (for solder lug terminal)                                       |
| Item            | CST                                                                                       |

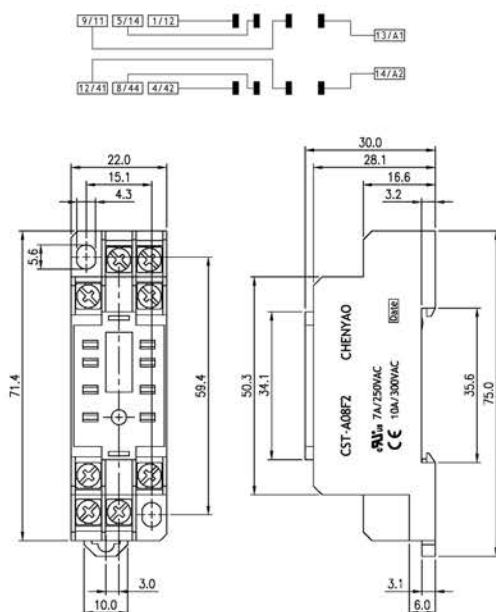




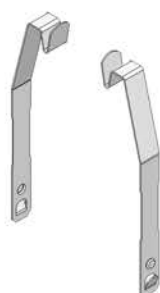
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag:.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

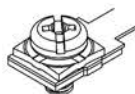
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....35g  
Packaging unit.....20 pcs.

## Order Information

**CST - A 08 F2 - □**

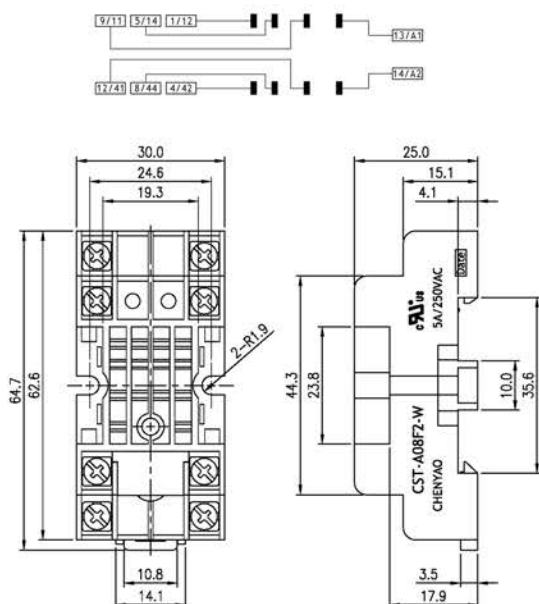
|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |



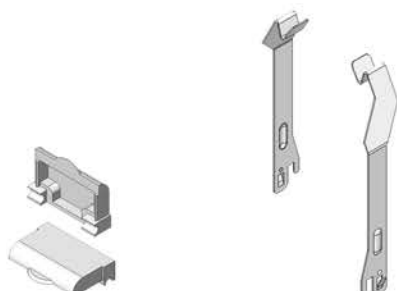
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC...150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55℃  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

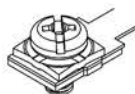
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....39g  
Packaging unit.....10 pcs.

## Order Information

### CST - A 08 F2 - W

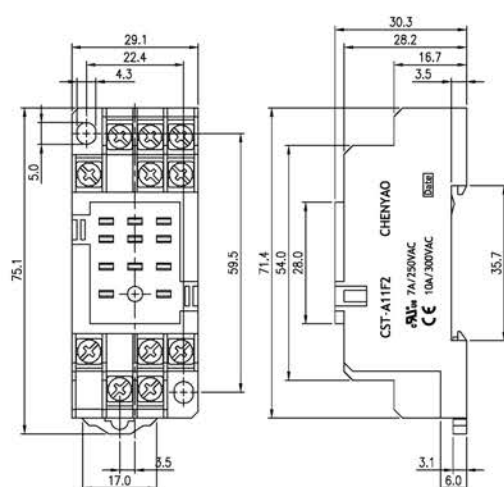
|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |



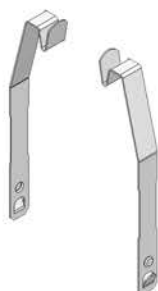


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC...150/250VAC  
 Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....1,000MΩ min.  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55℃  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

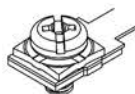
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....80N  
 Mounting distance.....0, dense packing  
 Weight.....44g  
 Packaging unit.....10 pcs.

## Order Information

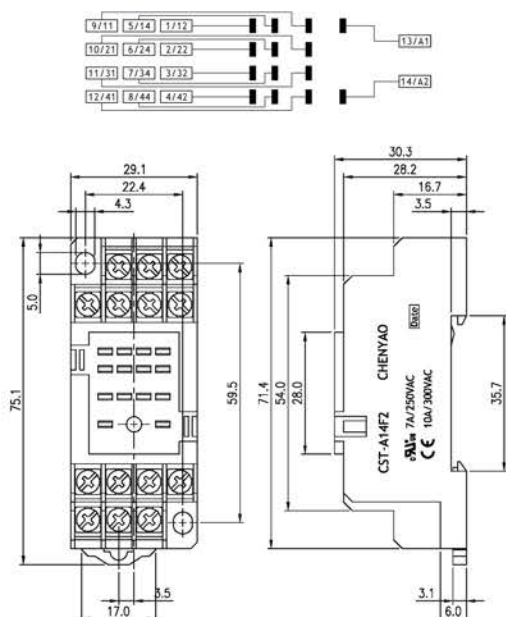
**CST - A 11 F2 - □**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |

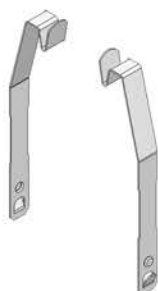


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

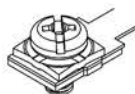
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....55g  
Packaging unit.....10 pcs.

## Order Information

**CST - A 14 F2 - □**

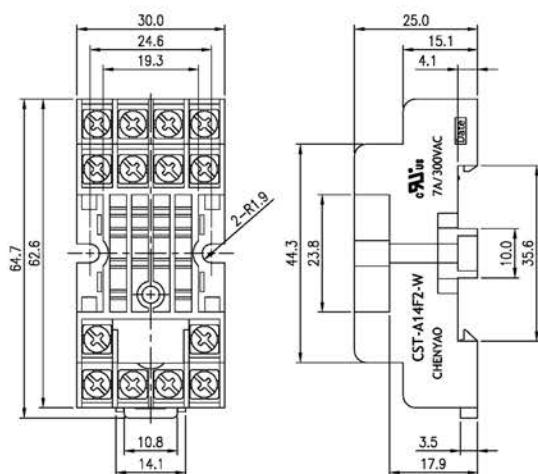
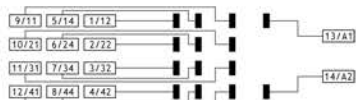
|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | NII (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |



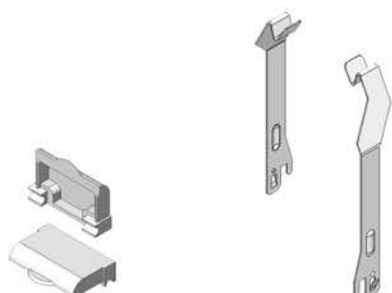


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC.....250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....48g  
Packaging unit.....10 pcs.

## Order Information

### CST - A 14 F2 - W

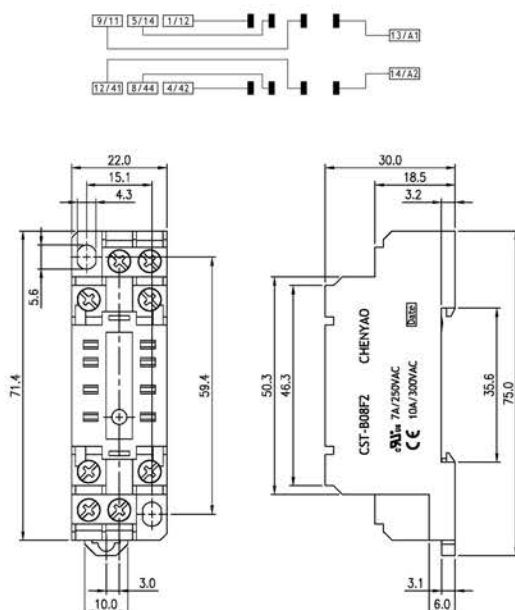
|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | NII (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |



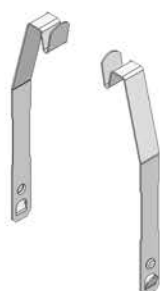
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+55℃  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....36g  
Packaging unit.....20 pcs.

## Order Information

**CST - B 08 F2 - □**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |





## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC...150/250VAC  
 Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....1,000MΩ min.  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55℃  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

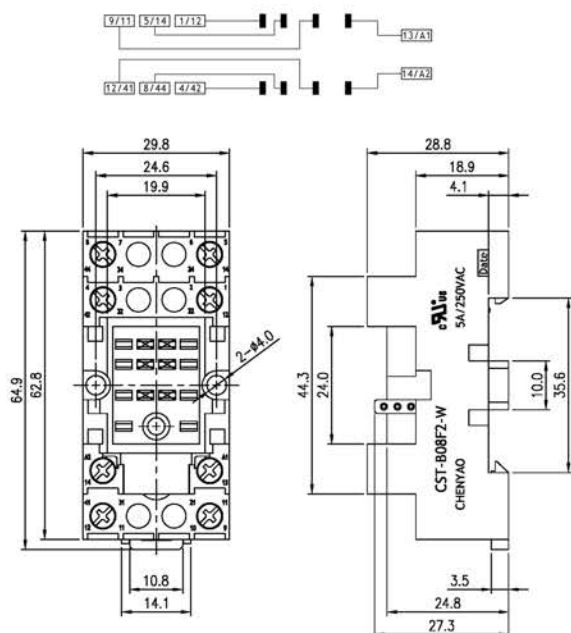
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....80N  
 Mounting distance.....0, dense packing  
 Weight.....44g  
 Packaging unit.....10 pcs.

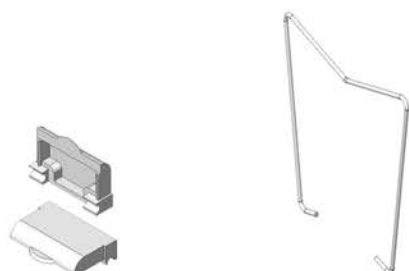


UL/CUL No: E306487

## Dimensions



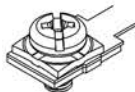
## Accessories



## Order Information

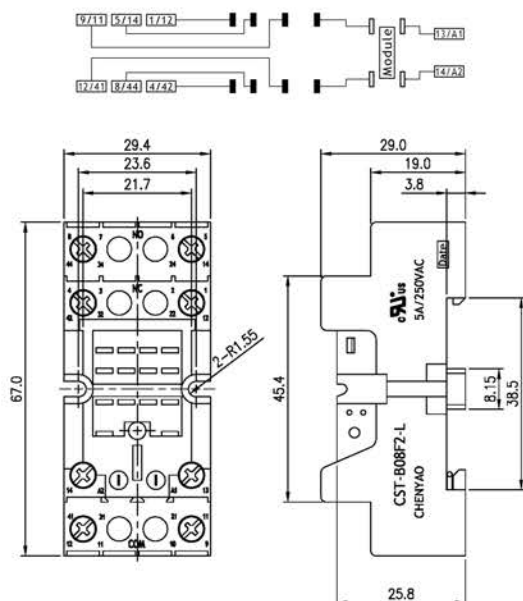
### CST - B 08 F2 - W

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | NII (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |



UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 50VDC).....1,000MΩ  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....44g  
Packaging unit.....10 pcs.

## Order Information

**CST - B 08 F2 - L**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |

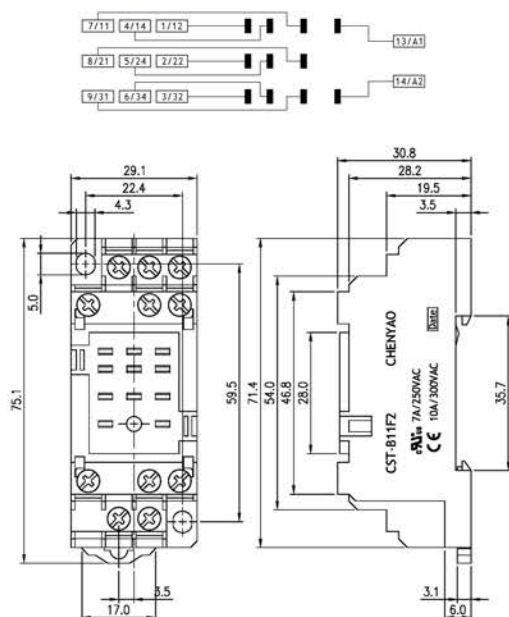




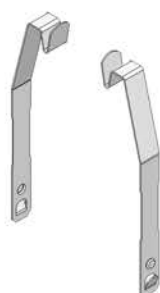
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

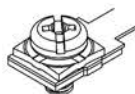
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....49g  
Packaging unit.....10 pcs.

## Order Information

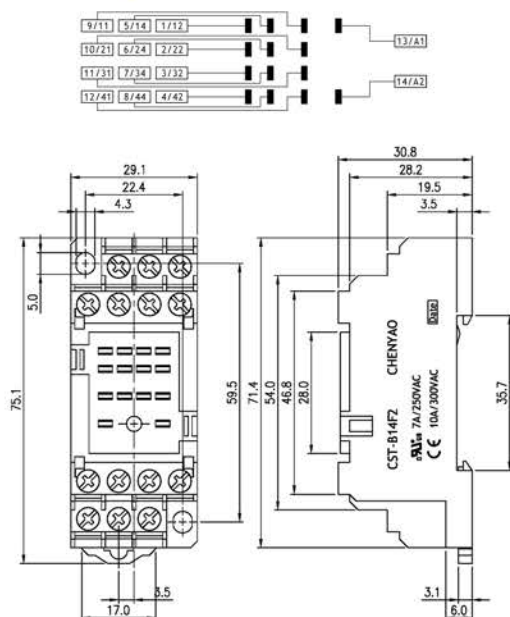
**CST - B 11 F2 - □**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |

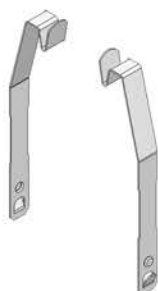


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC...150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....58g  
Packaging unit.....10 pcs.

## Order Information

**CST - B 14 F2 - □**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |

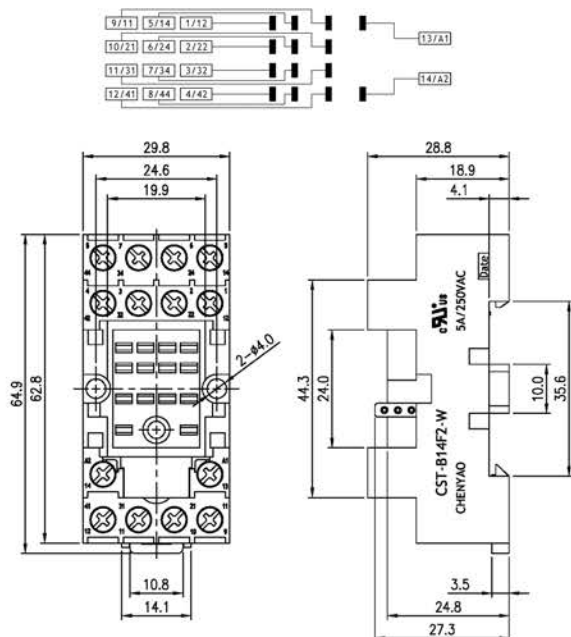




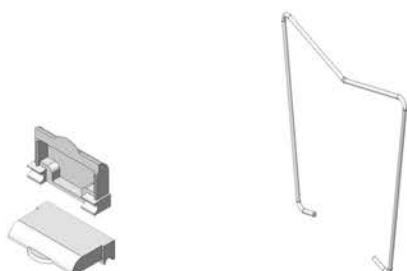
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC...150/250VAC  
 Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....1,000MΩ min.  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55℃  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....80N  
 Mounting distance.....0, dense packing  
 Weight.....53g  
 Packaging unit.....10 pcs.

## Order Information

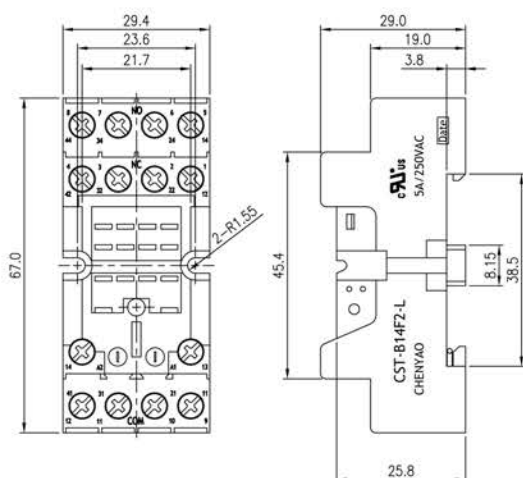
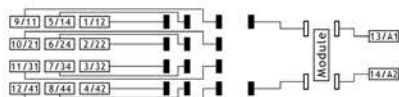
### CST - B 14 F2 - W

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | NIL (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |



UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays on a densely packed DIN rail.
- Retainer clip with ejection function for relays of 29, or 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 50VDC).....1,000MΩ  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag:.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

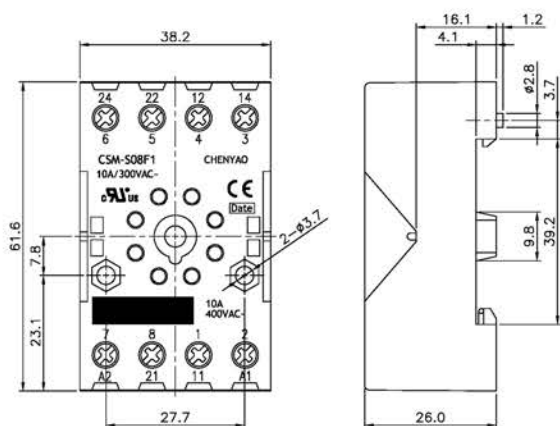
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2x1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....52g  
Packaging unit.....10 pcs.

## Order Information

### CST - B 14 F2 - L

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>W (for use write sheet)<br>L (for use LED module)                   |
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (for with finger protection)                                   |
| Item              | CST                                                                                       |





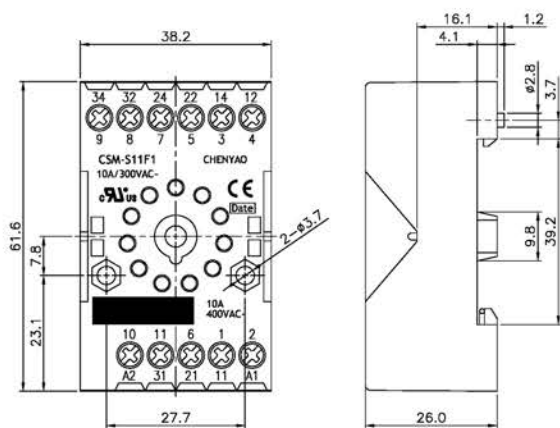
| Item | CSM |
|------|-----|
|------|-----|



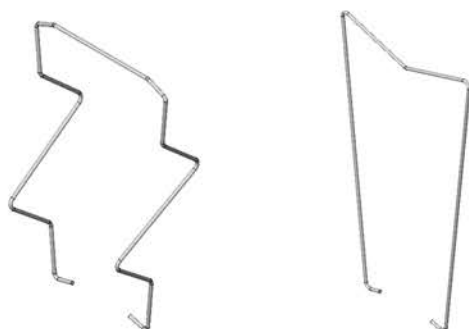
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- White marking area.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC..150/300VAC  
 Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥ 2.8/4mm  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70°C  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....56g  
 Packaging unit.....20 pcs.

## Order Information

**CSM - S 11 F1 - □**

|                   |                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>L (for LED module)<br>H (for high insulation)<br>R (for level function different) |
| Insulation levels | F1 (for one level)                                                                                      |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)                                              |
| Contact form      | S (for screw type)                                                                                      |
| Item              | CSM                                                                                                     |

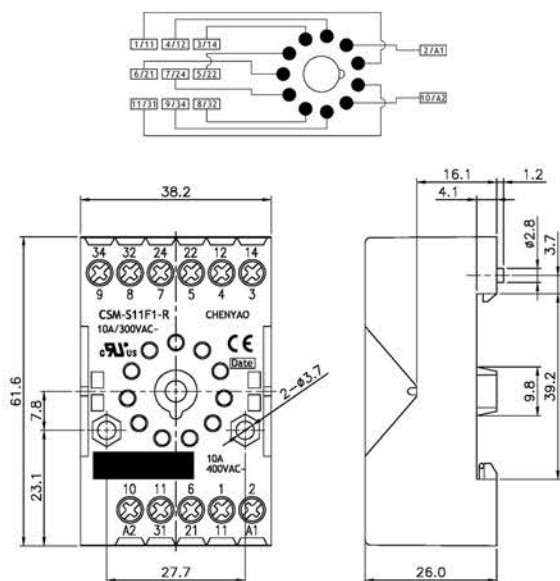




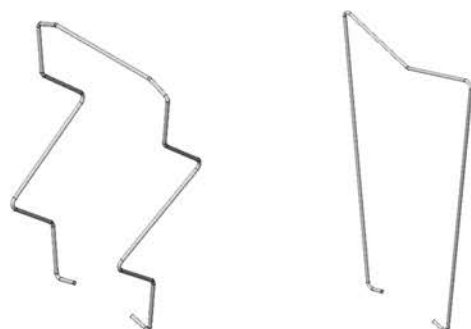
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- White marking area.
- CSM-S11F1-R switch side levels arrangement is same as CSM-S11F1.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥ 2.8/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....56g  
Packaging unit.....20 pcs.

## Order Information

### CSM - S 11 F1 - R

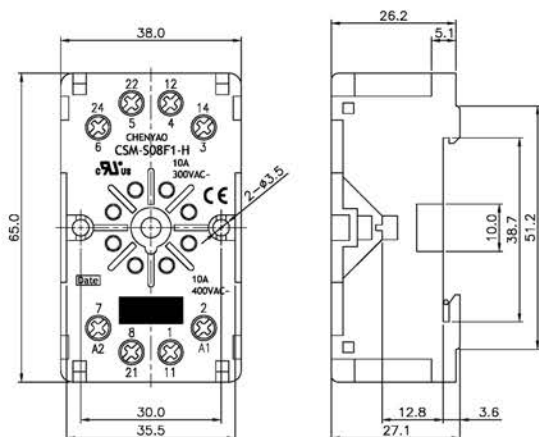
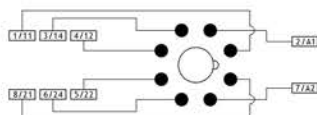
|                   |                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>L (for LED module)<br>H (for high insulation)<br>R (for level function different) |
| Insulation levels | F1 (for one level)                                                                                      |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)                                              |
| Contact form      | S (for screw type)                                                                                      |
| Item              | CSM                                                                                                     |



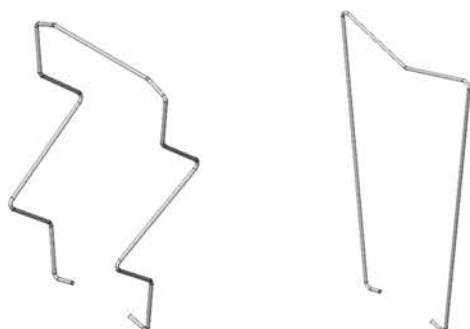
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- White marking area.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥ 2.8/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

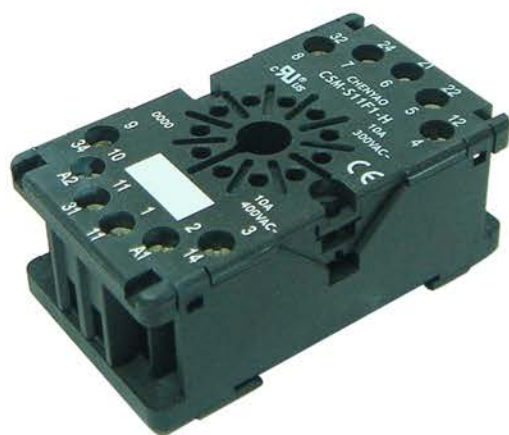
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....58g  
Packaging unit.....20 pcs.

## Order Information

### CSM - S 08 F1 - H

|                   |                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>L (for LED module)<br>H (for high insulation)<br>R (for level function different) |
| Insulation levels | F1 (for one level)                                                                                      |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)                                              |
| Contact form      | S (for screw type)                                                                                      |
| Item              | CSM                                                                                                     |

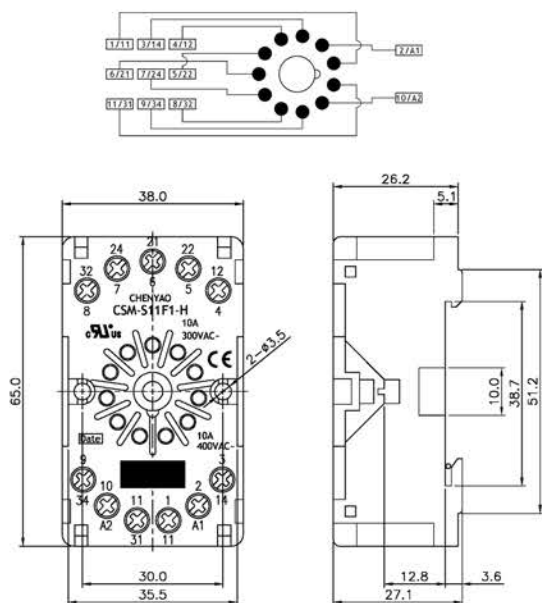




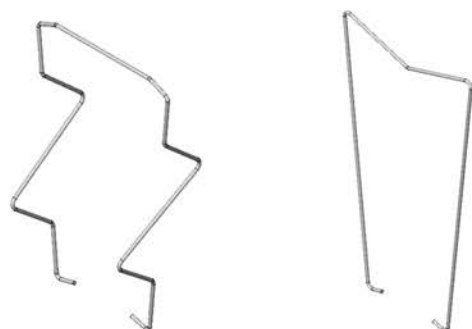
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- White marking area.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥ 2.8/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....63g  
Packaging unit.....20 pcs.

## Order Information

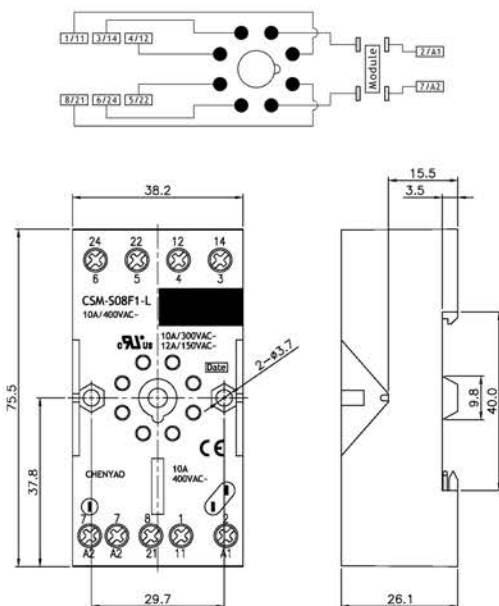
### CSM - S 11 F1 - H

|                   |                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------|
| Special remark    | NIL (for standard)<br>L (for LED module)<br>H (for high insulation)<br>R (for level function different) |
| Insulation levels | F1 (for one level)                                                                                      |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)                                              |
| Contact form      | S (for screw type)                                                                                      |
| Item              | CSM                                                                                                     |

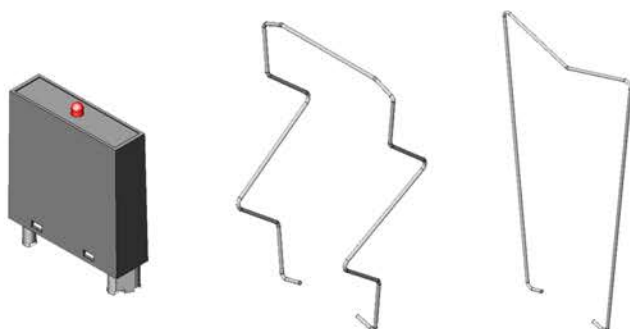


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- White marking area.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥ 2.8/4mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....56g  
Packaging unit.....20 pcs.

## Order Information

### CSM - S 08 F1 - L

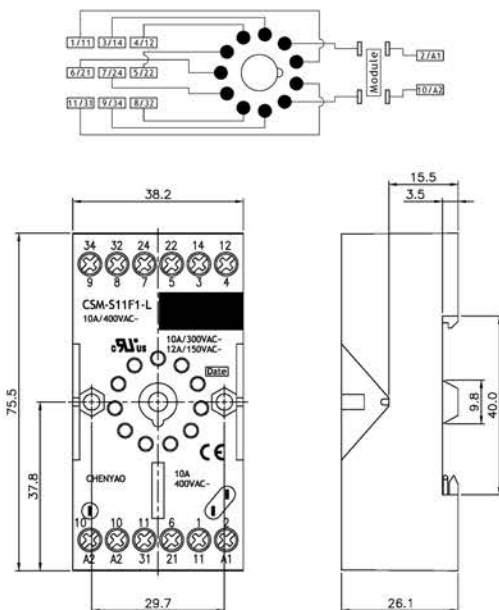
|                   |                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------|
| Special remark    | Nil (for standard)<br>L (for LED module)<br>H (for high insulation)<br>R (for level function different) |
| Insulation levels | F1 (for one level)                                                                                      |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)                                              |
| Contact form      | S (for screw type)                                                                                      |
| Item              | CSM                                                                                                     |



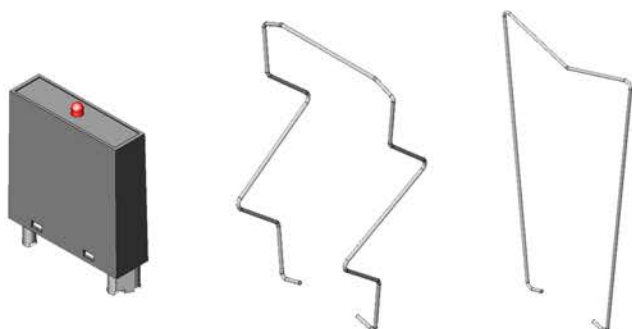


UL/CUL No: E306487, CSA No: 2347925

## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- White marking area.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC..150/300VAC  
 Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥ 2.8/4mm  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70°C  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

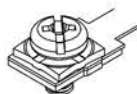
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....62g  
 Packaging unit.....20 pcs.

## Order Information

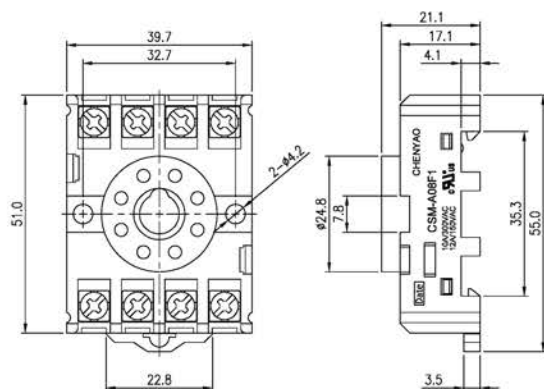
### CSM - S 11 F1 - L

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Special remark    | NI (for standard)<br>L (for LED module)<br>H (for high insulation)<br>R (for level function different) |
| Insulation levels | F1 (for one level)                                                                                     |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)                                             |
| Contact form      | S (for screw type)                                                                                     |
| Item              | CSM                                                                                                    |

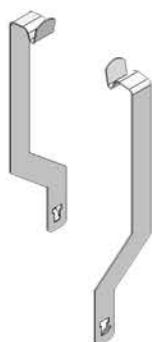


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 50VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+55°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

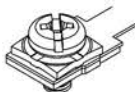
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....40g  
Packaging unit.....10 pcs.

## Order Information

### CSM - A 08 F1

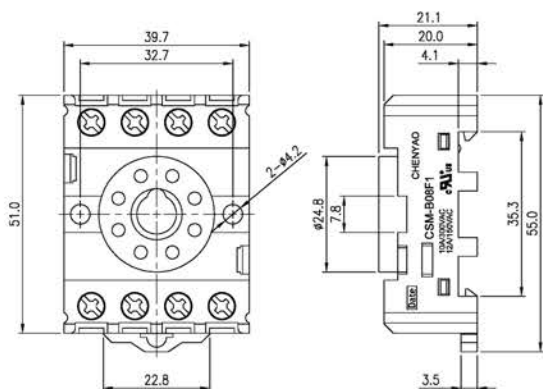
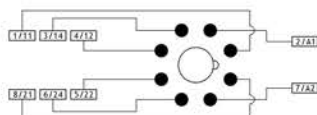
|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Insulation levels | F1 (for one level)<br>F2 (for two levels)                  |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay) |
| Contact form      | A (for stockade type)<br>B (with finger protection)        |
| Item              | CSM                                                        |



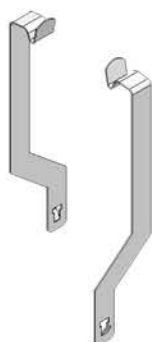


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 50VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag:.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+55°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

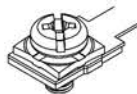
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....42g  
Packaging unit.....10 pcs.

## Order Information

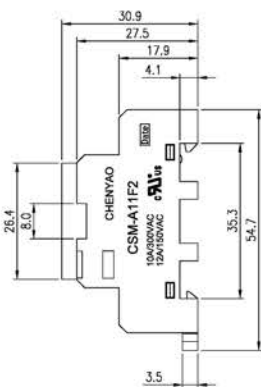
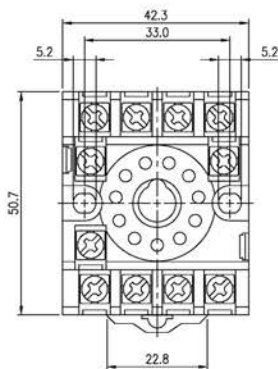
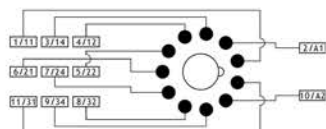
### CSM - B 08 F1

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Insulation levels | F1 (for one level)<br>F2 (for two levels)                  |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay) |
| Contact form      | A (for stockade type)<br>B (with finger protection)        |
| Item              | CSM                                                        |

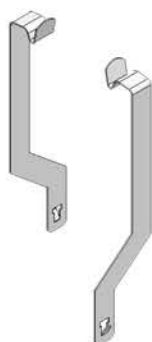


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 50VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+55°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

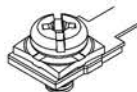
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....53g  
Packaging unit.....10 pcs.

## Order Information

### CSM - A 11 F2

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Insulation levels | F1 (for one level)<br>F2 (for two levels)                  |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay) |
| Contact form      | A (for stockade type)<br>B (with finger protection)        |
| Item              | CSM                                                        |

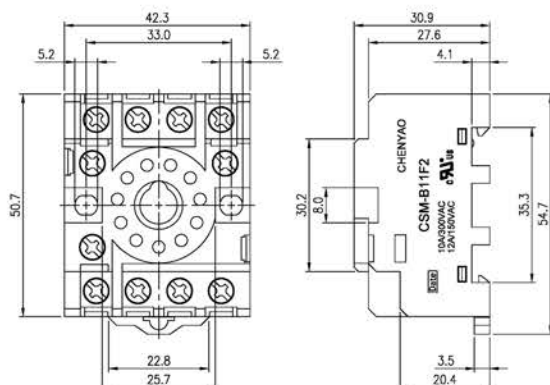
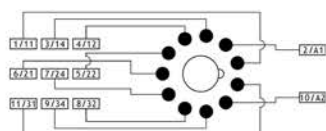




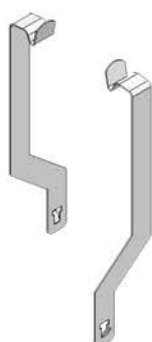
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/300VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 50VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+55°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....56g  
Packaging unit.....10 pcs.

## Order Information

### CSM - B 11 F2

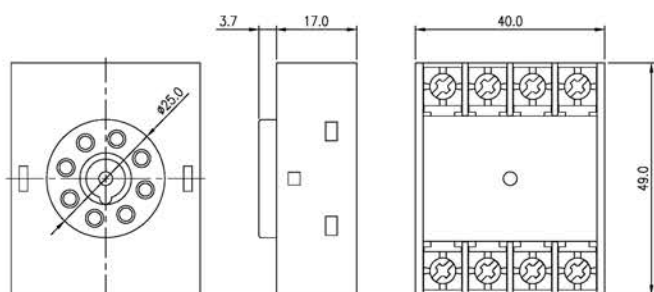
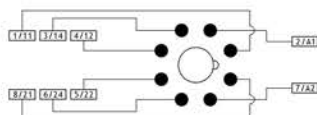
|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Insulation levels | F1 (for one level)<br>F2 (for two levels)                  |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay) |
| Contact form      | A (for stockade type)<br>B (with finger protection)        |
| Item              | CSM                                                        |



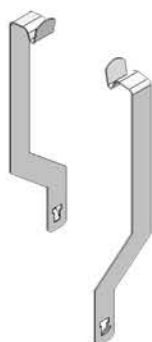
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 50VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

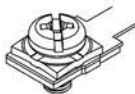
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....40g  
Packaging unit.....10 pcs.

## Order Information

### CSM - A 08 F1 - B

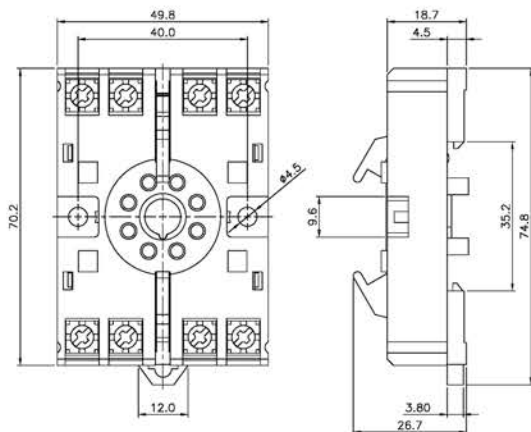
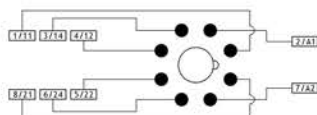
|                   |                                                                            |
|-------------------|----------------------------------------------------------------------------|
| Special remark    | NII (for standard)<br>B (for back connection)<br>D (for withdraw leverage) |
| Insulation levels | F1 (for one level)                                                         |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)                 |
| Contact form      | A (for stockade type)                                                      |
| Item              | CSM                                                                        |



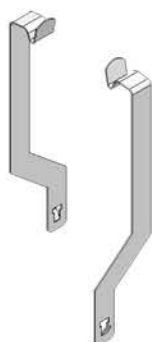


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- Metal clip with ejection function for relays of 50mm height.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 50VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

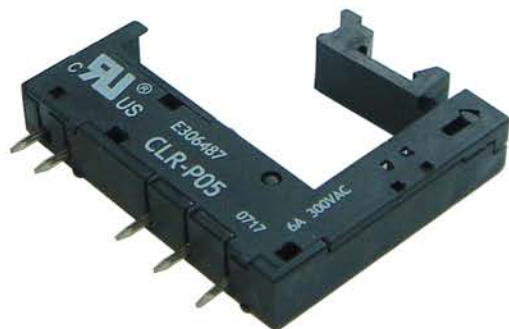
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....40g  
Packaging unit.....10 pcs.

## Order Information

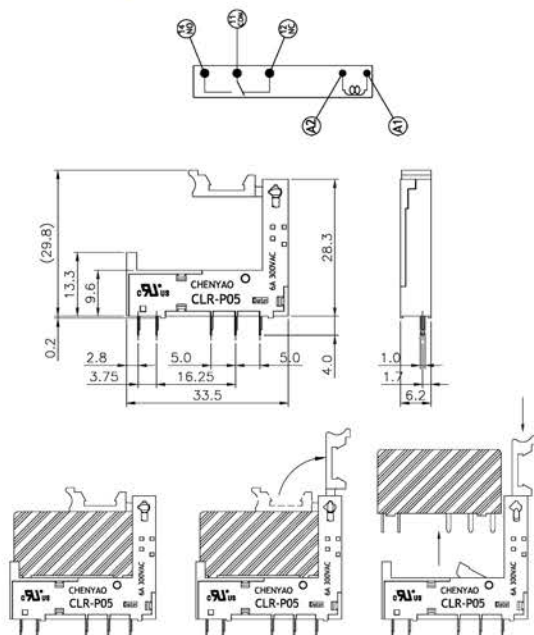
### CSM - A 08 F1 - D

|                   |                                                                            |
|-------------------|----------------------------------------------------------------------------|
| Special remark    | NIL (for standard)<br>B (for back connection)<br>D (for withdraw leverage) |
| Insulation levels | F1 (for one level)                                                         |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)                 |
| Contact form      | A (for stockade type)                                                      |
| Item              | CSM                                                                        |

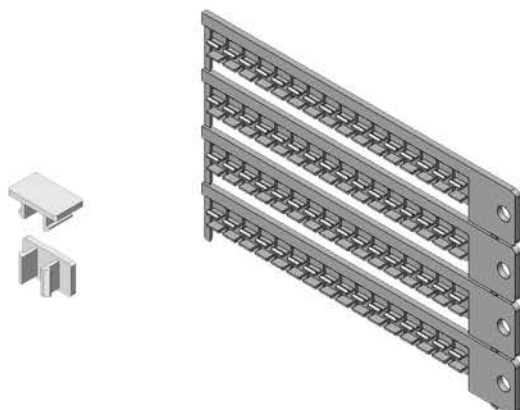


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Module width 6.2mm.
- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

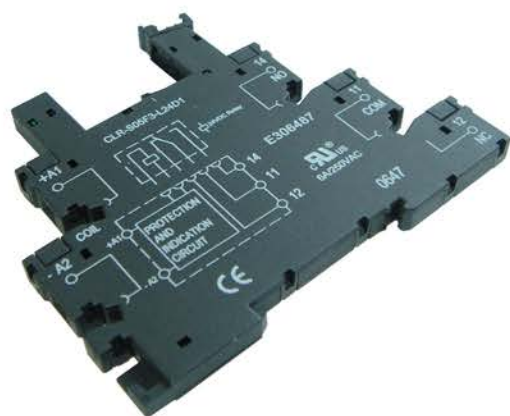
Rated current.....6A  
 Rated voltage / max. Switching voltage AC.....300VAC  
 Dielectric strength coil-contact circuit.....5,000V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥4/4mm  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-40...+70°C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....2.9g  
 Packaging unit.....100 pcs.

## Order Information

**CLR - P 05**

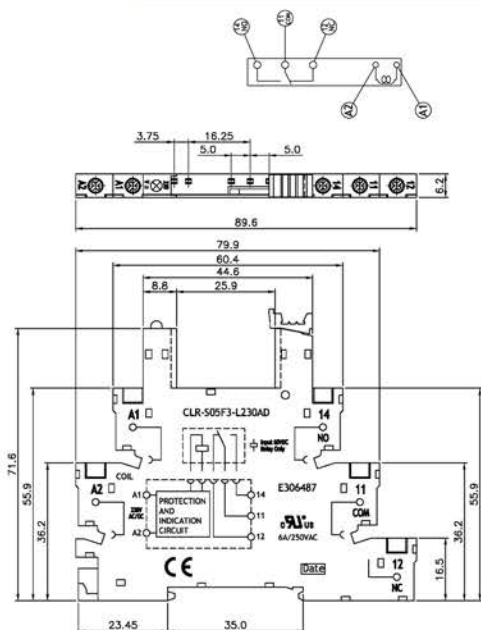
|                 |                             |
|-----------------|-----------------------------|
| Relay terminals | 05 (for 05 terminals relay) |
| Contact form    | P (for PCB terminal)        |
| Item            | CLR                         |



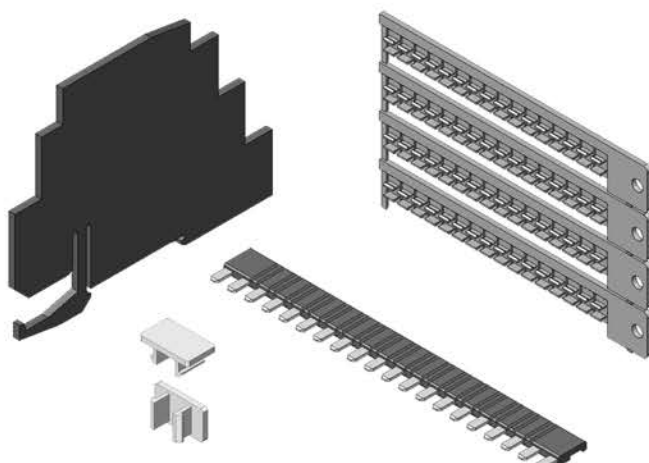


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Module width 6.2mm.
- Reduced system width for increased packing density on the DIN rail.
- DC and AC version.
- Electrical indicator as standard (LED).
- Protection circuit.
- Jumper bars.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....6A  
Rated voltage / max. Switching voltage AC.....250VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥ 6/8mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....reinforced  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70 °C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.6Nm

### Wire cross section

Single wire.....0.2X2.5mm<sup>2</sup>  
Fine wire.....0.2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....0.2X2.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....50cNm  
Mounting distance.....0, dense packing  
Weight.....26g  
Packaging unit.....20 pcs.

## Order Information

**CLR - S 05 F3 - L 24 D1**

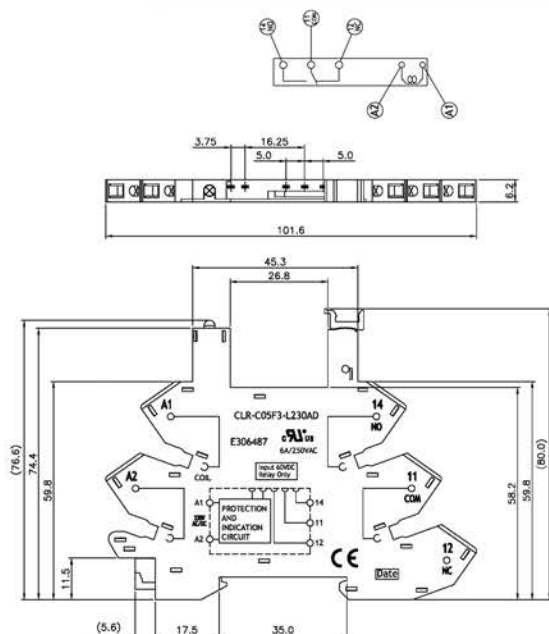
|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage type         | D1 (DCV type "+" on A1 terminal)<br>D2 (DCV type "+" on A2 terminal)<br>AD (AC/DCV type)                                                         |
| A1, A2 input voltage | 12 (Use 12V)<br>24 (Use 24V)<br>115 (Use 115V)<br>230 (Use 230V)                                                                                 |
| Special remark       | L (Standard for LED module)<br>V (Standard with varistor)<br>C (Standard with capacity)<br>Z (Standard with zener diode)<br>X (V+C+Z)<br>Y (C+Z) |
| Insulation levels    | F3 (for three levels)                                                                                                                            |
| Relay terminals      | 05 (for 05 terminals relay)                                                                                                                      |
| Contact form         | S (for screw type)<br>C (for cage clamp type)                                                                                                    |
| Item                 | CLR                                                                                                                                              |



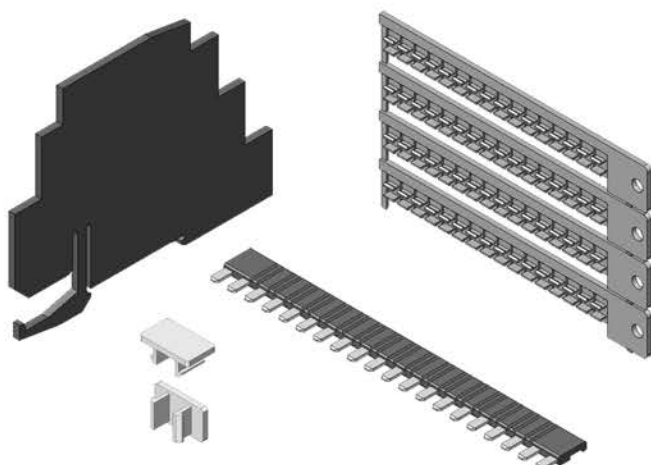
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Module width 6.2mm.
- Reduced system width for increased packing density on the DIN rail.
- DC and AC version.
- Electrical indicator as standard (LED).
- Protection circuit.
- Jumper bars.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with cage clamp-type terminal for DIN-rail mounting.

## Specifications

Rated current.....6A  
Rated voltage / max. Switching voltage AC.....250VAC  
Dielectric strength coil-contact circuit.....2,500V<sub>rms</sub>  
Clearance / creepage coil-contact circuit.....≥ 6/8mm  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....reinforced  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +70°C  
Terminals.....cage clamp  
Wire strip length.....10mm

### Wire cross section

Single wire.....1X2.5mm<sup>2</sup>  
Fine wire.....1x2.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....~  
Mounting distance.....0, dense packing  
Weight.....26g  
Packaging unit.....20 pcs.

## Order Information

### CLR - C 05 F3 - L 24 D1

|                      |                                  |
|----------------------|----------------------------------|
| Voltage type         | D1 (DCV type "+" on A1 terminal) |
|                      | D2 (DCV type "+" on A2 terminal) |
| A1, A2 input voltage | AD (AC/DCV type)                 |
|                      | 12 (Use 12V)                     |
|                      | 24 (Use 24V)                     |
|                      | 115 (Use 115V)                   |
| Special remark       | 230 (Use 230V)                   |
|                      | L (Standard for LED module)      |
|                      | V (Standard with varistor)       |
|                      | C (Standard with capacity)       |
| Insulation levels    | Z (Standard with zener diode)    |
|                      | X (V+C+Z)                        |
| Relay terminals      | Y (C+Z)                          |
|                      | F3 (for three levels)            |
| Contact form         | 05 (for 05 terminals relay)      |
|                      | S (for screw type)               |
| Item                 | C (for cage clamp type)          |
|                      | CLR                              |



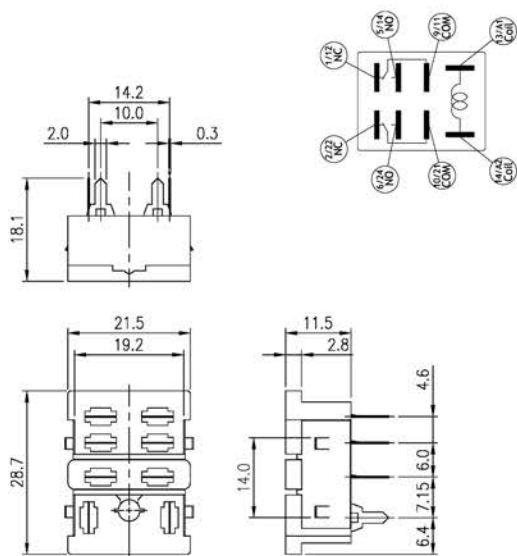


|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Insulation levels | F2 (for two levels)                                                                       |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | S (for screw type)                                                                        |
| Item              | CET                                                                                       |

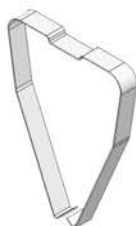


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC.....250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55℃  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....9g  
 Packaging unit.....100 pcs.

## Order Information

### CET - P 08

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Relay terminals | 08 (for 08 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form    | P (for PCB terminal)<br>Q (for solder lug terminal)        |
| Item            | CET                                                        |

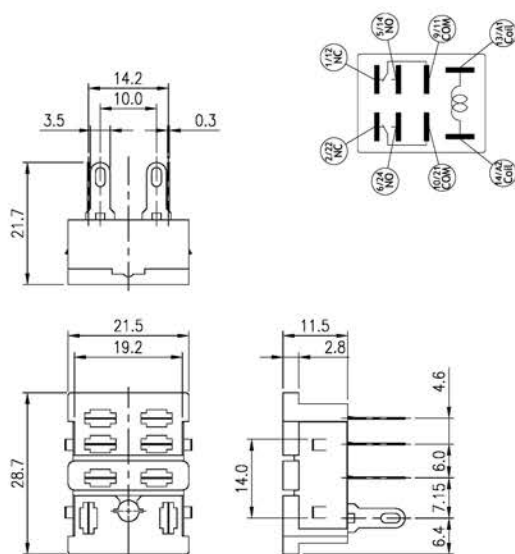




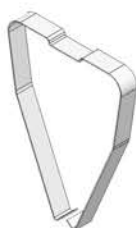
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with Quick terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with solder lug-type terminal.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC.....250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55℃  
 Terminals.....Quick  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....9.5g  
 Packaging unit.....100 pcs.

## Order Information

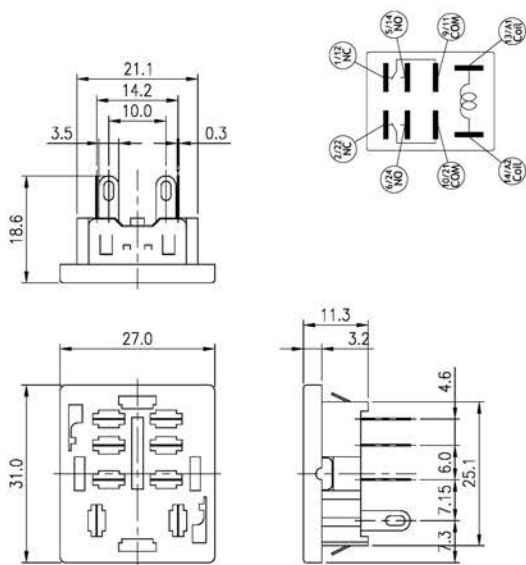
### CET - Q 08

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Relay terminals | 08 (for 08 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form    | P (for PCB terminal)<br>Q (for solder lug terminal)        |
| Item            | CET                                                        |

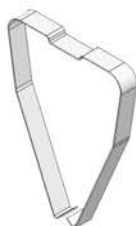


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with Quick terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with solder lug-type terminal.

## Specifications

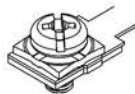
Rated current.....10A  
 Rated voltage / max. Switching voltage AC.....250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55℃  
 Terminals.....Quick  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....9.5g  
 Packaging unit.....100 pcs.

## Order Information

**CET - Q 08 - H**

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Special remark  | H (for high insulation)                                    |
| Relay terminals | 08 (for 08 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form    | P (for PCB terminal)<br>Q (for solder lug terminal)        |
| Item            | CET                                                        |

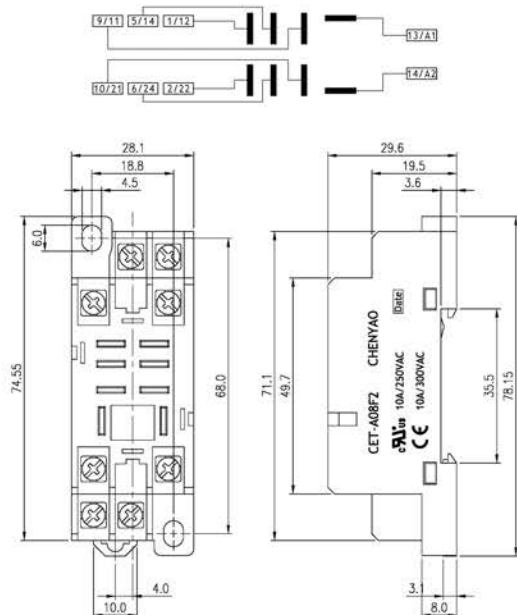




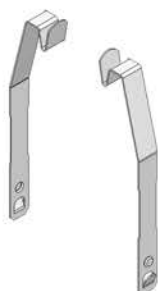
UL/CUL No: E306487



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC.....250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55℃  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

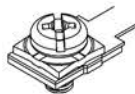
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....53g  
Packaging unit.....10 pcs.

## Order Information

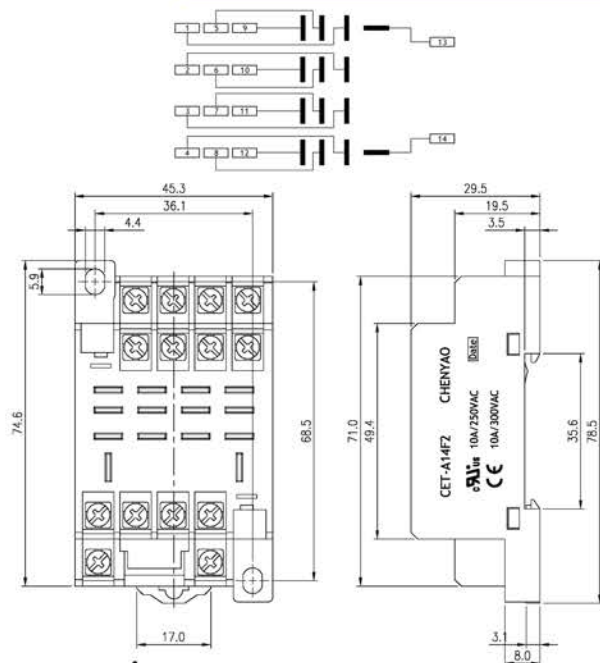
**CET - A 08 F2 - □**

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Special remark    | NH (for standard)<br>H (for high insulation)               |
| Insulation levels | F2 (for two levels)                                        |
| Relay terminals   | 08 (for 08 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (with finger protection)        |
| Item              | CET                                                        |

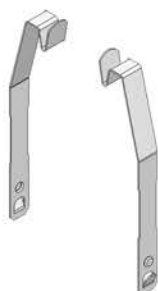


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC.....250VAC  
 Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....1,000MΩ min.  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +55℃  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2x1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....80N  
 Mounting distance.....0, dense packing  
 Weight.....83g  
 Packaging unit.....10 pcs.

## Order Information

**CET - A 14 F2 - □**

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Special remark    | NI (for standard)<br>H (for high insulation)               |
| Insulation levels | F2 (for two levels)                                        |
| Relay terminals   | 08 (for 08 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (with finger protection)        |
| Item              | CET                                                        |





## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
 Rated voltage / max. Switching voltage AC.....250VAC  
 Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....1,000MΩ min.  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +55℃  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

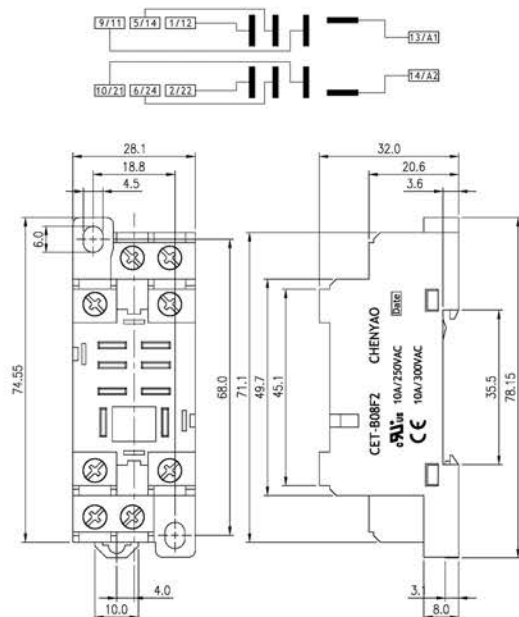
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....80N  
 Mounting distance.....0, dense packing  
 Weight.....54g  
 Packaging unit.....10 pcs.

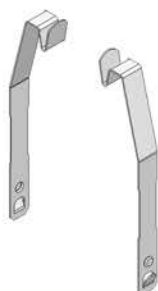


UL/CUL No: E306487

## Dimensions



## Accessories



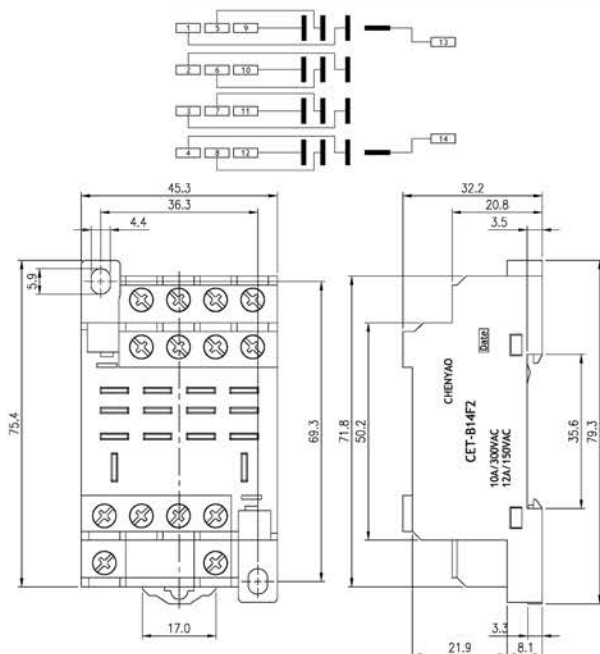
## Order Information

**CET - B 08 F2 - □**

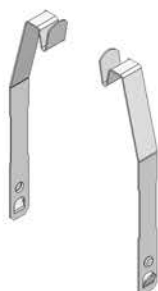
|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Special remark    | NII (for standard)<br>H (for high insulation)              |
| Insulation levels | F2 (for two levels)                                        |
| Relay terminals   | 08 (for 08 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (with finger protection)        |
| Item              | CET                                                        |



## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC.....250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55°C  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

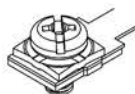
Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2x1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....83g  
Packaging unit.....10 pcs.

## Order Information

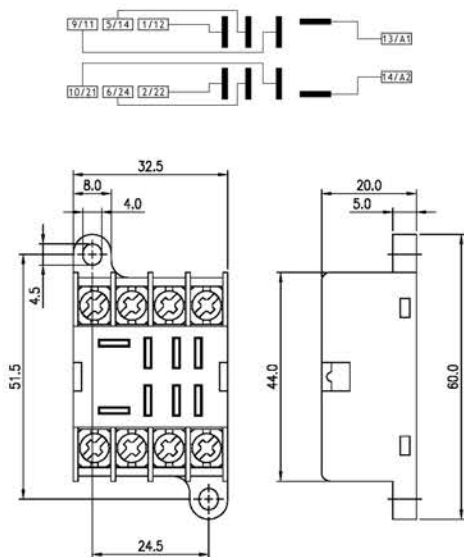
**CET - B 14 F2 - □**

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Special remark    | NII (for standard)<br>H (for high insulation)              |
| Insulation levels | F2 (for two levels)                                        |
| Relay terminals   | 08 (for 08 terminals relay)<br>14 (for 14 terminals relay) |
| Contact form      | A (for stockade type)<br>B (with finger protection)        |
| Item              | CET                                                        |

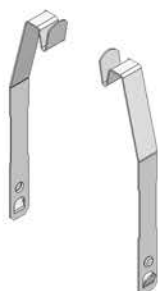




## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag:.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25... +55℃  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

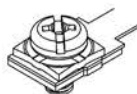
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....33g  
Packaging unit.....10 pcs.

## Order Information

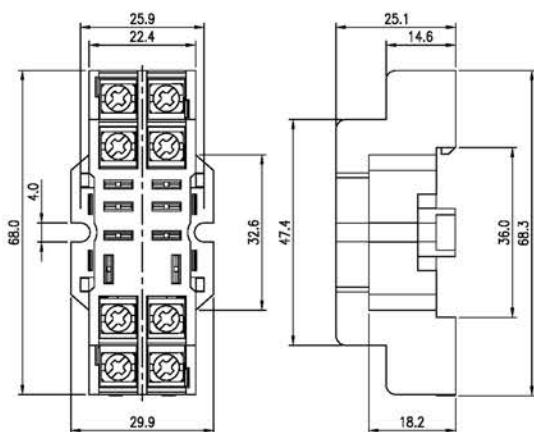
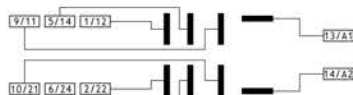
### CET - A 08 F1 - V

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Special remark    | NH (for standard)<br>V (relay rotation of 90 degrees) |
| Insulation levels | F1 (for one level)                                    |
| Relay terminals   | 08 (for 08 terminals relay)                           |
| Contact form      | A (for stockade type)                                 |
| Item              | CET                                                   |

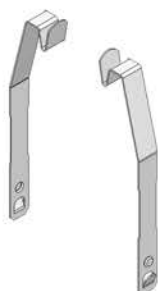


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Socket with screw terminal.
- Easy replacement of relays on a densely packed DIN rail.
- Metal clip with ejection function for relays of 35mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC..150/250VAC  
Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+55℃  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....80N  
Mounting distance.....0, dense packing  
Weight.....44g  
Packaging unit.....10 pcs.

## Order Information

### CET - A 08 F2 - M

|                   |                                           |
|-------------------|-------------------------------------------|
| Special remark    | NII (for standard)<br>M (without flanged) |
| Insulation levels | F2 (for two levels)                       |
| Relay terminals   | 08 (for 08 terminals relay)               |
| Contact form      | A (for stockade type)                     |
| Item              | CET                                       |





## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

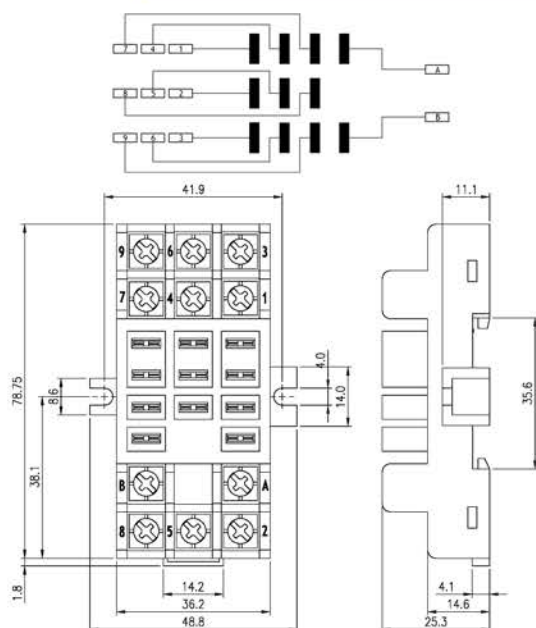
Rated current.....15/10A  
 Rated voltage / max. Switching voltage AC..150/300VAC  
 Dielectric strength coil-contact circuit.....2,000V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....1,000MΩ min.  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag:.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +55℃  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm  
**Wire cross section**  
 Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....60g  
 Packaging unit.....10 pcs.



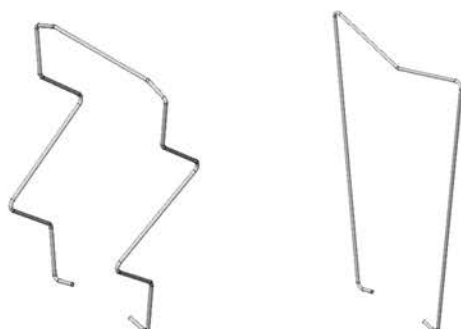
UL/CUL No: E306487



## Dimensions



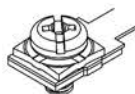
## Accessories



## Order Information

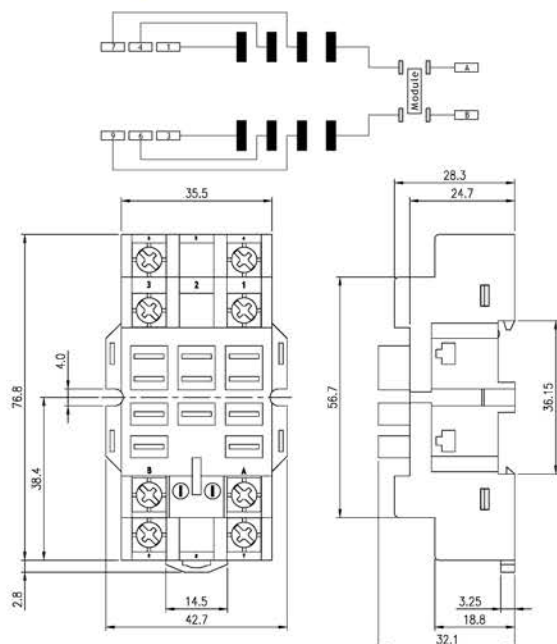
**CRK - A 11 F2 - H**

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Special remark    | H (for high insulation)<br>M (without flanged)             |
| Insulation levels | F2 (for two levels)                                        |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay) |
| Contact form      | A (for stockade type)                                      |
| Item              | CRK                                                        |

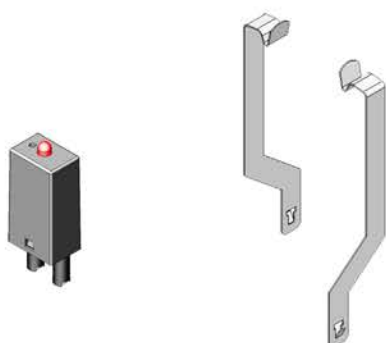


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- This type of socket may match LED Module.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

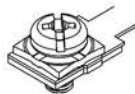
Rated current.....10A  
 Rated voltage / max. Switching voltage AC.....250VAC  
 Dielectric strength coil-contact circuit.....3,000V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....1,000MΩ min.  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55℃  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm  
**Wire cross section**  
 Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....81g  
 Packaging unit.....10 pcs.

## Order Information

**CRK - A 08 F2 - M**

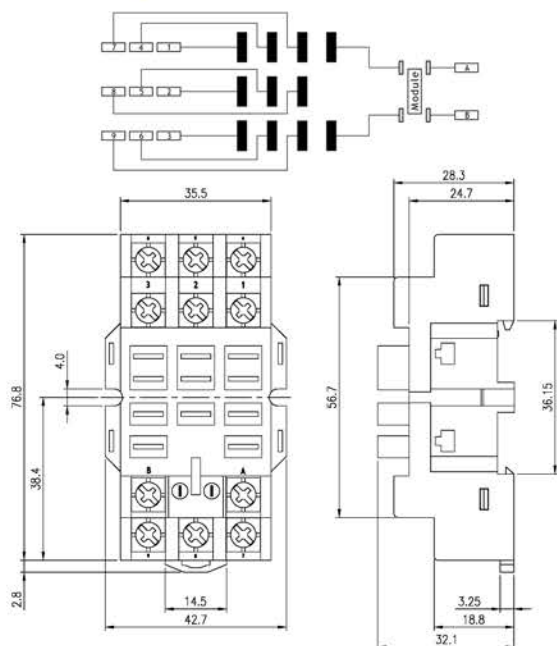
|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Special remark    | H (for high insulation)<br>M (without flanged)             |
| Insulation levels | F2 (for two levels)                                        |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay) |
| Contact form      | A (for stockade type)                                      |
| Item              | CRK                                                        |



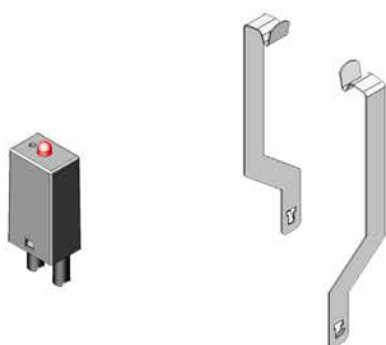


UL/CUL No: E306487

## Dimensions



## Accessories



## Main Feature

- Snap-on mounting on DIN-rail.
- Screw mounting.
- Pozidrive screw with rising clamp terminals.
- Logical layout of input-/output connection.
- This type of socket may match LED Module.
- DIN-rail sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....10A  
Rated voltage / max. Switching voltage AC.....250VAC  
Dielectric strength coil-contact circuit.....3,000V<sub>rms</sub>  
Insulation resistance (at 500VDC).....1,000MΩ min.  
Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
Open contact circuit.....functional  
Rated insulation voltage.....250V  
Pollution degree.....2  
Rated voltage system.....230/400V  
Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
Degree of protection DIN 40050.....IP20  
Ambient temperature range.....-25...+55℃  
Terminals.....screw  
Terminal screw torque acc. IEC 61984.....0.5Nm  
Max.....0.7Nm

### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
Fine wire.....2X2.5mm<sup>2</sup>  
With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
Insertion cycles.....A (10)  
Max. Insertion Force total.....100N  
Mounting distance.....0, dense packing  
Weight.....86g  
Packaging unit.....10 pcs.

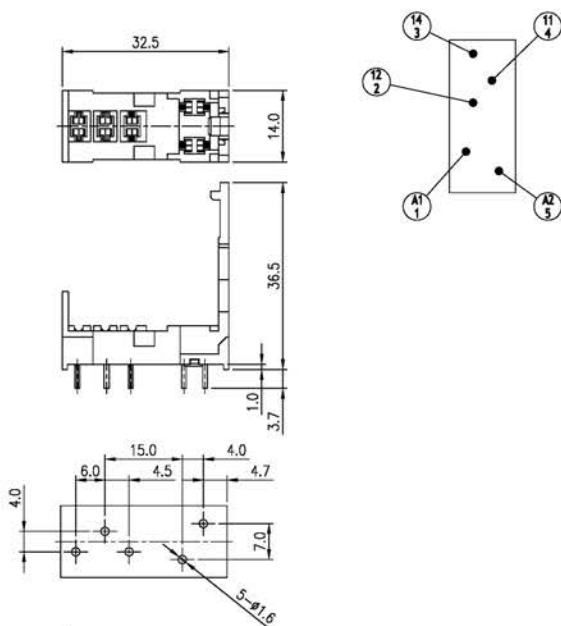
## Order Information

### CRK - A 11 F2 - M

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Special remark    | H (for high insulation)<br>M (without flanged)             |
| Insulation levels | F2 (for two levels)                                        |
| Relay terminals   | 08 (for 08 terminals relay)<br>11 (for 11 terminals relay) |
| Contact form      | A (for stockade type)                                      |
| Item              | CRK                                                        |



## Dimensions



## Accessories

## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC..150/250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....1,000MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag:.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55°C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....4g  
 Packaging unit.....50 pcs.

## Order Information

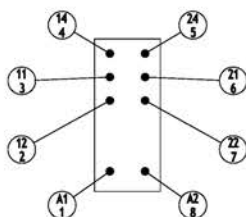
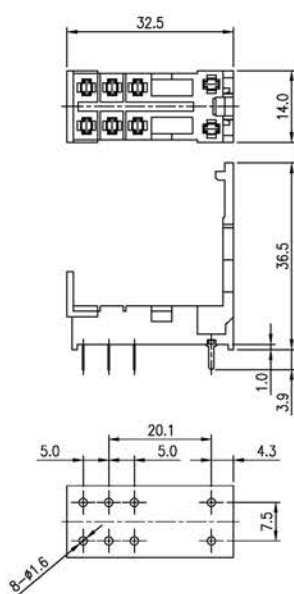
### CSV - P 05

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Relay terminals | 05 (for 05 terminals relay)<br>08 (for 08 terminals relay) |
| Contact form    | P (for PCB terminal)                                       |
| Item            | CSV                                                        |





## Dimensions



## Accessories

## Main Feature

- Socket with PCB terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

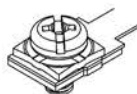
## Specifications

Rated current.....8A  
 Rated voltage / max. Switching voltage AC..150/250VAC  
 Dielectric strength coil-contact circuit.....1,500V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....1,000MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag:.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25...+55℃  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....5g  
 Packaging unit.....50 pcs.

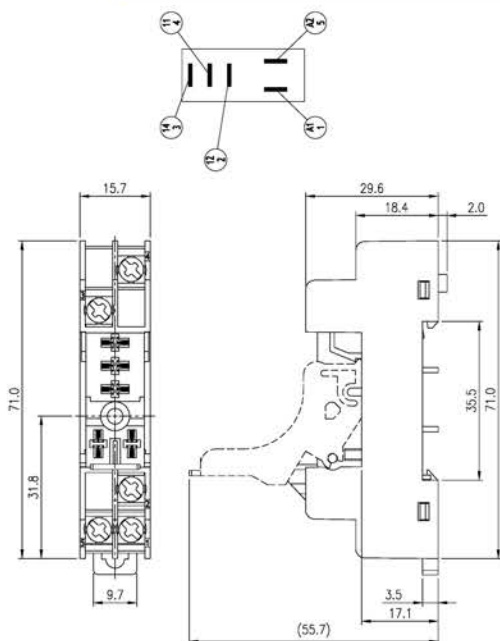
## Order Information

### CSV - P 08

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Relay terminals | 05 (for 05 terminals relay)<br>08 (for 08 terminals relay) |
| Contact form    | P (for PCB terminal)                                       |
| Item            | CSV                                                        |



## Dimensions



## Accessories

## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 27mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....12A  
 Rated voltage / max. Switching voltage AC.....250VAC  
 Dielectric strength coil-contact circuit.....4,000V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥ 4/4mm  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70 °C  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

### Wire cross section

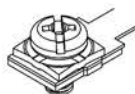
Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....28g  
 Packaging unit.....20 pcs.

## Order Information

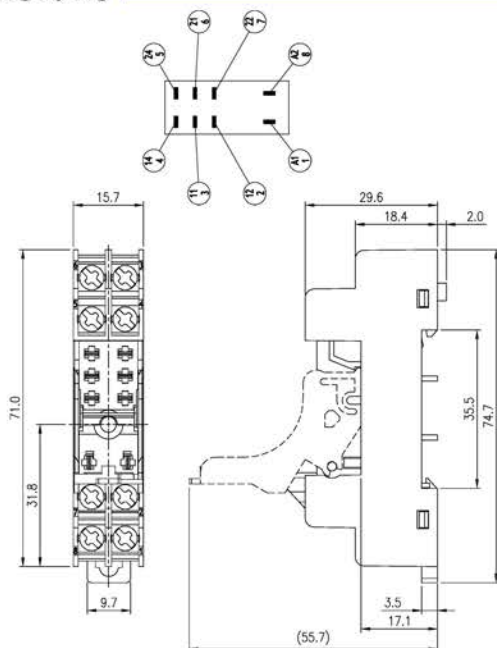
### CSV - A 05 F2

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Insulation levels | F2 (for two levels)                                        |
| Relay terminals   | 05 (for 05 terminals relay)<br>08 (for 08 terminals relay) |
| Contact form      | A (for stockade type)                                      |
| Item              | CSV                                                        |





## Dimensions



## Accessories

## Main Feature

- Socket with screw terminal.
- No reduction of protection class or creepage/clearance with plastic retainer.
- Easy replacement of relays.
- Retainer clip with ejection function for relays of 27mm height.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with screw-type terminal for DIN-rail mounting.

## Specifications

Rated current.....8A  
 Rated voltage / max. Switching voltage AC.....250VAC  
 Dielectric strength coil-contact circuit.....4,000V<sub>rms</sub>  
 Clearance / creepage coil-contact circuit.....≥ 4/4mm  
 Material group of insulation parts.....≥ IIIa

### Insulation to IEC 60664-1

Type of insulation coil-contact circuit.....basic  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III

### RoHS Directive 2002/95/EC

Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-25... +70 °C  
 Terminals.....screw  
 Terminal screw torque acc. IEC 61984.....0.5Nm  
 Max.....0.7Nm

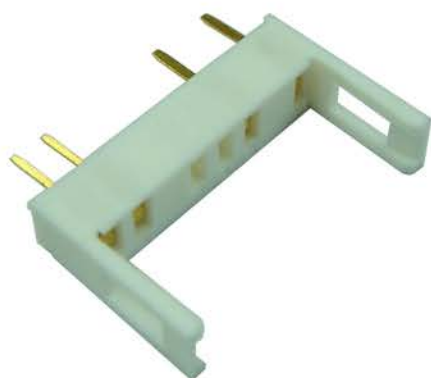
### Wire cross section

Single wire.....2X2.5mm<sup>2</sup>  
 Fine wire.....2X2.5mm<sup>2</sup>  
 With bootlace crimp (DIN 46228/1).....2X1.5mm<sup>2</sup>  
 Insertion cycles.....A (10)  
 Max. Insertion Force total.....100N  
 Mounting distance.....0, dense packing  
 Weight.....29g  
 Packaging unit.....20 pcs.

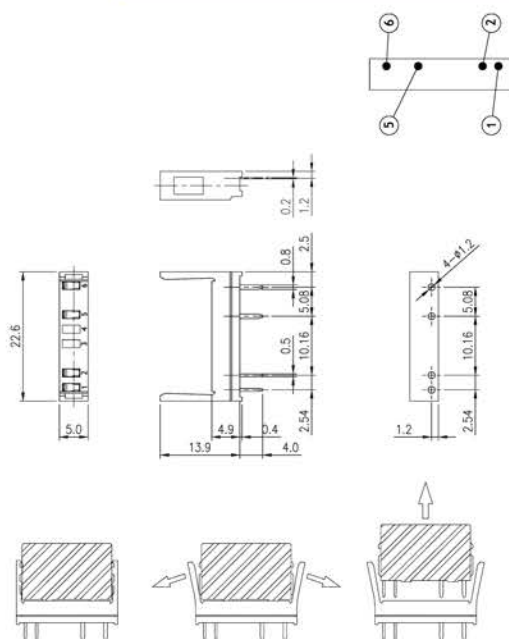
## Order Information

### CSV - A 08 F2

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Insulation levels | F2 (for two levels)                                        |
| Relay terminals   | 05 (for 05 terminals relay)<br>08 (for 08 terminals relay) |
| Contact form      | A (for stockade type)                                      |
| Item              | CSV                                                        |



## Dimensions



## Accessories

## Main Feature

- Module width 5.0mm.
- Socket with PCB terminal.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

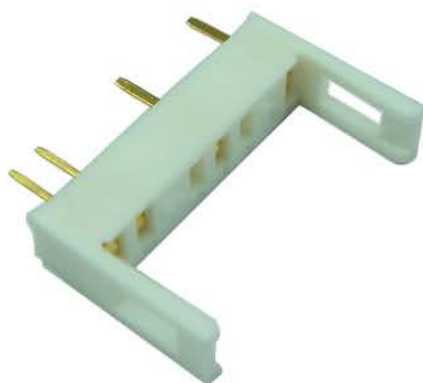
Rated current.....6A  
 Rated voltage / max. Switching voltage AC.....300VAC  
 Dielectric strength coil-contact circuit.....3,000V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-40... +70°C  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....0.8g  
 Packaging unit.....100 pcs.

## Order Information

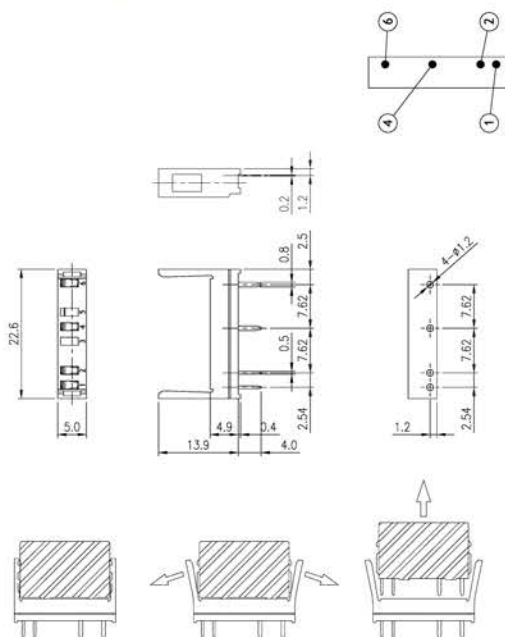
### CMR - P 04 S

|                    |                                  |
|--------------------|----------------------------------|
| Terminal dimension | S (for 5.08mm)<br>L (for 7.62mm) |
| Relay terminals    | 04 (for 04 terminals relay)      |
| Contact form       | P (for PCB terminal)             |
| Item               | CMR                              |





## Dimensions



## Accessories

## Main Feature

- Module width 5.0mm.
- Socket with PCB terminal.
- Easy replacement of relays.
- Socket can be used as connector for diagnosis function.
- Sockets and accessories: RoHS compliance (Directive 2002/95/EC).
- Socket with PCB-type terminal.

## Specifications

Rated current.....6A  
 Rated voltage / max. Switching voltage AC.....300VAC  
 Dielectric strength coil-contact circuit.....3,000V<sub>rms</sub>  
 Insulation resistance (at 500VDC).....100MΩ  
 Material group of insulation parts.....≥ IIIa  
**Insulation to IEC 60664-1**  
 Type of insulation coil-contact circuit.....reinforced  
 Open contact circuit.....functional  
 Rated insulation voltage.....250V  
 Pollution degree.....2  
 Rated voltage system.....230/400V  
 Over voltage category.....III  
**RoHS Directive 2002/95/EC**  
 Sockets, retainers and marking tag.....compliant  
 Degree of protection DIN 40050.....IP20  
 Ambient temperature range.....-40... +70℃  
 Terminals.....PCB  
 Insertion cycles.....A (10)  
 Mounting distance.....0, dense packing  
 Weight.....0.8g  
 Packaging unit.....100 pcs.

## Order Information

### CMR - P 04 L

|                    |                                  |
|--------------------|----------------------------------|
| Terminal dimension | S (for 5.08mm)<br>L (for 7.62mm) |
| Relay terminals    | 04 (for 04 terminals relay)      |
| Contact form       | P (for PCB terminal)             |
| Item               | CMR                              |



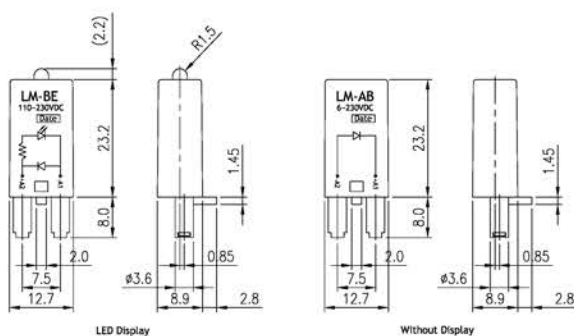
## Main Feature

- Easy insertion into the socket.
- Wiring is in parallel to the coil.
- LED Module: RoHS compliance (Directive 2002/95/EC).
- LED Display and Protection Modules.

## Area illustration:

| Area | Wiring Diagrams | Area | Wiring Diagrams | Area | Wiring Diagrams |
|------|-----------------|------|-----------------|------|-----------------|
| (A)  |                 | (B)  |                 | (C)  |                 |
| (D)  |                 | (E)  |                 | (F)  |                 |
| (G)  |                 | (H)  |                 | (J)  |                 |

## Dimensions



## Order Information

**LM - CG - G**

LED color  
 N (for red LED)  
 G (for green LED)  
 Y (for yellow LED)

Area code  
 A (AC, AB)  
 B (BC, BD, BE)  
 C (CF, CG, CH, CF)  
 D (DI, DJ, DK)  
 E (EL, EM, EN)  
 F (FO, FP, FQ, FR)  
 G (GR, GS, GT)  
 H (HU)  
 J (JV, JW, JX)

Item LM





## Main Feature

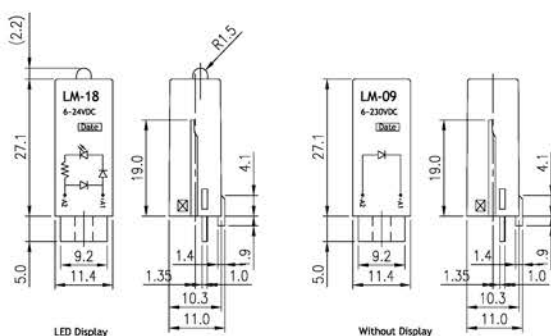
- Easy insertion into the socket.
- Wiring is in parallel to the coil.
- LED Module: RoHS compliance (Directive 2002/95/EC).
- LED Display and Protection Modules.



## Area illustration:

| Item  | Wiring Diagrams | Item  | Wiring Diagrams | Item  | Wiring Diagrams | Item  | Wiring Diagrams | Item  | Wiring Diagrams |
|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|
| LM-09 |                 | LM-01 |                 | LM-02 |                 | LM-03 |                 | LM-04 |                 |
| LM-13 |                 | LM-05 |                 | LM-07 |                 | LM-11 |                 | LM-18 |                 |
| LM-12 |                 | LM-08 |                 | LM-19 |                 | LM-06 |                 | LM-10 |                 |

## Dimensions



## Order Information

### LM - 07

Coil protection module  
(09, 01, 02, 03, 04, 13, 05)

LED module  
(07, 11, 18, 12, 08, 19, 06, 10)

Area code

Item

LM



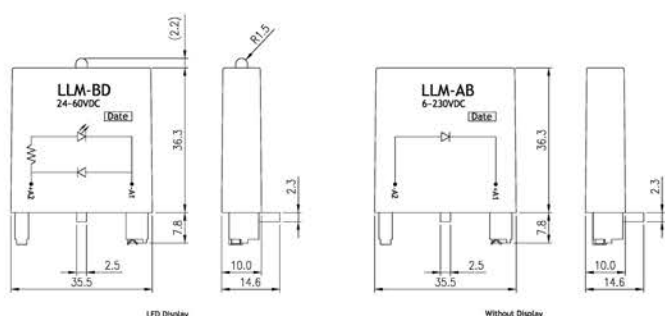
## Main Feature

- Easy insertion into the socket.
- Wiring is in parallel to the coil.
- LED Module: RoHS compliance (Directive 2002/95/EC).
- LED Display and Protection Modules.

## Area illustration:

| Area | Wiring Diagrams | Area | Wiring Diagrams |
|------|-----------------|------|-----------------|
| (A)  |                 | (F)  |                 |
| (B)  |                 | (G)  |                 |
| (C)  |                 | (H)  |                 |
| (D)  |                 | (J)  |                 |
| (E)  |                 |      |                 |

## Dimensions



## Order Information

### LLM - CG - G

|           |                                                                                                                                                            |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LED color | Nil (for red LED)<br>G (for green LED)<br>Y (for yellow LED)                                                                                               |
| Area code | A (AC, AB)<br>B (BC, BD, BE)<br>C (CF, CG, CH, CF)<br>D (DI, DJ, DK)<br>E (EL, EM, EN)<br>F (FO, FP, FQ, FR)<br>G (GR, GS, GT)<br>H (HU)<br>J (JV, JW, JX) |
| Item      | LLM                                                                                                                                                        |



## DIN Rail Socket Retainer

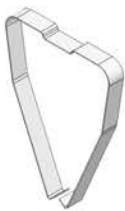
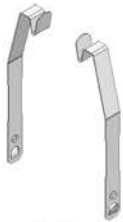
| Image          | CSR                                                                               |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                |  |  |  |  |  |  |
|                | R-CSR-16D                                                                         | R-CSR-20D                                                                         | R-CSR-25D                                                                         | R-CSR-16DP                                                                         | R-CSR-25DP                                                                          | BS-1625                                                                             |
| Relay High     | 15~16mm                                                                           | 20~21mm                                                                           | 25~26mm                                                                           | 15~16mm                                                                            | 25~26mm                                                                             | 16 and 25mm                                                                         |
| Fitting Socket | CSR-S35F2<br>CSR-C35F3<br>CSR-S35F3-R                                             | CSR-S50F2<br>CSR-C50F3<br>CSR-S50F3-R                                             | CSR-S35F3                                                                         | CSR-S50F3                                                                          |                                                                                     |                                                                                     |

| Image          | CST                                                                                 |                                                                                     |                                                                                    |                                                                                      |                                                                                      |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                |  |  |  |  |  |
|                | R-CST-27D                                                                           | R-CST-29D                                                                           | R-CST-36D                                                                          | R-CST-36DP                                                                           | BS-2936                                                                              |
| Relay High     | 27~29mm                                                                             | 29mm                                                                                | 34~36mm                                                                            | 34~36mm                                                                              | 29 and 36mm                                                                          |
| Fitting Socket | CST-S08F2<br>CST-S08F3<br>CST-C08F3                                                 | CST-S11F2<br>CST-S11F3<br>CST-C14F3                                                 | CST-S14F2<br>CST-S14F3                                                             |                                                                                      |                                                                                      |

## Simple Retainer

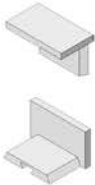
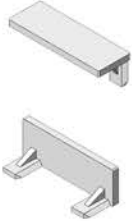
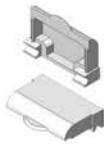
| Image          | CSR                                                                                 |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                |  |  |  |  |  |  |
|                | R-CSR-16P                                                                           | R-CSR-16M                                                                           | R-CSR-20P                                                                           | R-CSR-20M                                                                            | R-CSR-25P                                                                             | R-CSR-25M                                                                             |
| Relay High     | 15~16mm                                                                             |                                                                                     | 20~21mm                                                                             |                                                                                      | 25~26mm                                                                               |                                                                                       |
| Fitting Socket | CSR-P35<br>CSR-P35-                                                                 | CSR-P50<br>CSR-P50-                                                                 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |

## Metal Retainer

| Image          | CST/CET                                                                           |                                                                                       |                                                                                     |
|----------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                |  |      |  |
| Relay High     | 29mm                                                                              | 34~36mm                                                                               | 34~36mm                                                                             |
| Fitting Socket | CST-P08 CST-Q08 CET-P08<br>CST-P11 CST-Q11 CET-Q08<br>CST-P14 CST-Q14 CET-Q08H    | CST-A08F2 CST-A11F2 CST-A14F2<br>CST-B08F2 CST-B11F2 CST-B14F2<br>CET-A08F2 CET-B08F2 | CST-A08F2-W CST-A14F2-W                                                             |

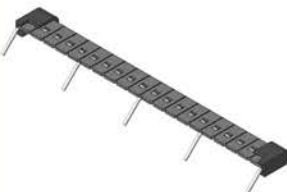
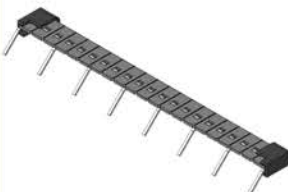
| Image          | CSM                                                                                |                                                                                    |                                                                                      |
|----------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                |  |  |  |
| Relay High     | 50mm                                                                               | 50mm                                                                               | 50mm                                                                                 |
| Fitting Socket | CSM-A08F1 CSM-A11F2<br>CSM-B08F1 CSM-B11F2                                         | CSM-S08F1 CSM-S11F1-R CSM-S08F1-L<br>CSM-S11F1 CSM-S11F1-L                         |                                                                                      |

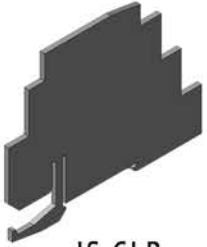
## Writing Tab

| Image          | CSR                                                                                 | CST                                                                                 |                                                                                      | CLR                                                                                   |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                |  |  |  |  |
| Fitting Socket | CSR-S35F2 CSR-S50F2 CSR-S35F3 CSR-S50F3 CSR-C35F3 CSR-C50F3                         | CST-S08F2 CST-S11F2 CST-S14F2 CST-S08F3 CST-S11F3 CST-S14F3 CST-C08F3 CST-C14F3     | CST-A08F2-W CST-A14F2-W CST-B08F2-W CST-B14F2-W                                      | CLR-P05 CLR-S05F3 CLR-C05F3                                                           |



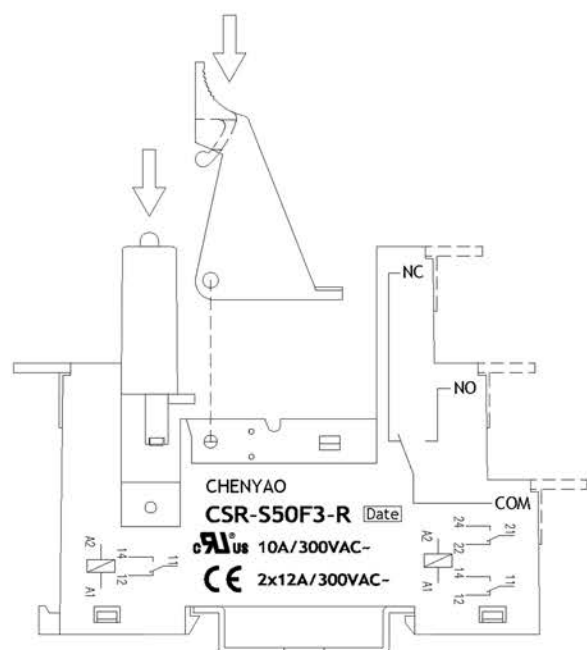
## Jump Link (Contact Bridge)

| Image          | CST                                                                               |                                                                                   | CSR                                                                                |                                                                                     |
|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | CB-PYF-5                                                                          | CB-PYF-CC                                                                         | CB-PI-8                                                                            | CB-PI-CC                                                                            |
|                |  |  |  |  |
| Fitting Socket | CST-S08F2<br>CST-S11F2<br>CST-S14F2<br>CST-S08F3<br>CST-S11F3<br>CST-S14F3        | CST-C08F3<br>CST-C14F3                                                            | CSR-S35F2<br>CSR-S50F2<br>CSR-S35F3<br>CSR-S50F3                                   | CSR-C35F3<br>CSR-C50F3                                                              |

| Image          | CLR                                                                                 |                                                                                     |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                | CB-CLR-20                                                                           | IS-CLR                                                                              |
|                |  |  |
| Fitting Socket | CLR-S05F3<br>CLR-C05F3                                                              |                                                                                     |

# Application Note

**CHENYAO**  
— Professional Relay Socket —





## Socket Cage Clamp Type Wire Installation:

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Wire installation:</b></p> <ul style="list-style-type: none"> <li>▪ Choosing appropriate screwdriver</li> <li>▪ Inserting screwdriver</li> <li>▪ Interior cage clamps of socket will open</li> <li>▪ Inserting wire</li> <li>▪ Drawing out the screwdriver</li> <li>▪ Interior cage clamp will fix the wire</li> <li>▪ Completing wire installation</li> </ul> <p><b>Unloading the wire installation:</b></p> <ul style="list-style-type: none"> <li>▪ Choosing appropriate screwdriver</li> <li>▪ Inserting screwdriver</li> <li>▪ Interior cage clamps will open</li> <li>▪ Taking out the wire</li> <li>▪ Draws out the screwdriver</li> <li>▪ Interior cage clamps will close</li> <li>▪ Unloading the wire installation</li> </ul> | <p><b>Guidelines:</b></p> <ol style="list-style-type: none"> <li>1. Choosing the screwdriver with parallel blade, diameter 2.5mm for installing the wire, inappropriate screwdriver can damage the socket construction.</li> <li>2. Inserting the screwdriver straightly into the cage clamp of the socket.</li> <li>3. Incorrect insertion will cause the difficulty for wire installation even will damage the interior construction of the socket.</li> <li>4. After completing the screwdriver insertion correctly, the cage clamp will open entirely.</li> <li>5. Removing the wire insulation cover for about 10mm. Then inserting this part into the socket and be sure it is fully inside.</li> <li>6. Drawing out the screwdriver, and then the wire will be fixed by cage clamp. Be sure that the wire can't be pulled out.</li> </ol> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|





# *CHENYAO*

*= Professional Relay Socket =*

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<http://www.chen-yao.com>



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