

## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

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6.2 mm PLC basic terminal block with interference current and interference voltage protection on the control side, with screw connection, without relay or solid-state relay, with sensor supply voltage distribution (BB), 1 N/O contact, input voltage 230 V AC

### Your advantages

- ✓ High relay release voltage
- ✓ Resistant to interference currents



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 10 pc                                                                                                   |
| GTIN         | <br>4 017918 895693 |
| GTIN         | 4017918895693                                                                                           |
| Sales Key    | 08                                                                                                      |

### Technical data

#### Note

|                         |                                                                           |
|-------------------------|---------------------------------------------------------------------------|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---------------------------------------------------------------------------|

#### Dimensions

|        |        |
|--------|--------|
| Width  | 6.2 mm |
| Height | 80 mm  |
| Depth  | 94 mm  |

#### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -40 °C ... 55 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

#### Input data

|                                           |               |
|-------------------------------------------|---------------|
| Input voltage range in reference to $U_N$ | 0.78 ... 1.14 |
| Typical release voltage                   | 80 V AC       |

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## Technical data

### Input data

|                             |                                   |
|-----------------------------|-----------------------------------|
| Nominal input voltage $U_N$ | 230 V AC                          |
| Status display              | LED                               |
| Protective circuit          | Bridge rectifier Bridge rectifier |
|                             | RCZ filter RCZ filter             |

### Output data

|                                       |                                                                                                                                                                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compatible components                 | Miniature relay, REL-MR-60DC/21AU, REL-MR-60DC/21; miniature optocoupler, OPT-60DC/48DC/100, OPT-60DC/24DC/2, OPT-60DC/230AC/1                                                                                                         |
| Fitting of components                 | REL-MR-60DC/21                                                                                                                                                                                                                         |
| Contact type                          | Single contact, 1 N/O contact                                                                                                                                                                                                          |
| Contact material                      | AgSnO                                                                                                                                                                                                                                  |
| Maximum switching voltage             | 250 V AC/DC (Partition plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal points in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...) |
| Minimum switching voltage             | 5 V (at 100 mA)                                                                                                                                                                                                                        |
| Limiting continuous current           | 6 A                                                                                                                                                                                                                                    |
| Maximum inrush current                | on request                                                                                                                                                                                                                             |
| Min. switching current                | 10 mA (at 12 V)                                                                                                                                                                                                                        |
| Interrupting rating (ohmic load) max. | 140 W (at 24 V DC)                                                                                                                                                                                                                     |
|                                       | 20 W (at 48 V DC)                                                                                                                                                                                                                      |
|                                       | 18 W (at 60 V DC)                                                                                                                                                                                                                      |
|                                       | 23 W (at 110 V DC)                                                                                                                                                                                                                     |
|                                       | 40 W (at 220 V DC)                                                                                                                                                                                                                     |
|                                       | 1500 VA (for 250 V AC)                                                                                                                                                                                                                 |
| Switching capacity min.               | 120 mW                                                                                                                                                                                                                                 |
| Fitting of components                 | REL-MR-60DC/21AU                                                                                                                                                                                                                       |
| Contact type                          | Single contact, 1 N/O contact                                                                                                                                                                                                          |
| Contact material                      | AgSnO, hard gold-plated                                                                                                                                                                                                                |
| Note                                  | If the specified maximum values are exceeded, the gold plating is destroyed. The maximum values of the power contact relay are then valid. This can result in a shorter service life than with a pure power contact.                   |
| Maximum switching voltage             | 30 V AC                                                                                                                                                                                                                                |
|                                       | 36 V DC                                                                                                                                                                                                                                |
| Minimum switching voltage             | 100 mV (at 10 mA)                                                                                                                                                                                                                      |
| Limiting continuous current           | 50 mA                                                                                                                                                                                                                                  |
| Maximum inrush current                | 50 mA                                                                                                                                                                                                                                  |
| Min. switching current                | 1 mA (at 24 V)                                                                                                                                                                                                                         |
| Interrupting rating (ohmic load) max. | 1.2 W (at 24 V DC)                                                                                                                                                                                                                     |
| Switching capacity min.               | 100 $\mu$ W                                                                                                                                                                                                                            |
| Fitting of components                 | OPT-60DC/48DC/100                                                                                                                                                                                                                      |
| Maximum switching voltage             | 48 V DC                                                                                                                                                                                                                                |

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### Technical data

#### Output data

|                                                  |                                                                                                                                                                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minimum switching voltage                        | 3 V DC                                                                                                                                                                                                                              |
| Limiting continuous current                      | 100 mA                                                                                                                                                                                                                              |
| Output circuit                                   | 2-wire, floating                                                                                                                                                                                                                    |
| Protective circuit                               | Reverse polarity protection                                                                                                                                                                                                         |
|                                                  | Surge protection                                                                                                                                                                                                                    |
| Voltage drop at max. limiting continuous current | < 1 V DC                                                                                                                                                                                                                            |
| Fitting of components                            | OPT-60DC/24DC/2                                                                                                                                                                                                                     |
| Maximum switching voltage                        | 30 V DC                                                                                                                                                                                                                             |
| Minimum switching voltage                        | 3 V DC                                                                                                                                                                                                                              |
| Limiting continuous current                      | 3 A                                                                                                                                                                                                                                 |
| Maximum inrush current                           | 15 A (10 ms)                                                                                                                                                                                                                        |
| Output circuit                                   | 2-wire, floating                                                                                                                                                                                                                    |
| Protective circuit                               | Reverse polarity protection                                                                                                                                                                                                         |
|                                                  | Surge protection                                                                                                                                                                                                                    |
| Voltage drop at max. limiting continuous current | < 200 mV                                                                                                                                                                                                                            |
| Fitting of components                            | OPT-60DC/230AC/1                                                                                                                                                                                                                    |
| Maximum switching voltage                        | 253 V AC (Partition plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal points in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...) |
| Minimum switching voltage                        | 24 V AC                                                                                                                                                                                                                             |
| Limiting continuous current                      | 0.75 A                                                                                                                                                                                                                              |
| Maximum inrush current                           | 30 A (10 ms)                                                                                                                                                                                                                        |
| Output circuit                                   | 2-wire, floating                                                                                                                                                                                                                    |
| Protective circuit                               | RCV circuit                                                                                                                                                                                                                         |
| Voltage drop at max. limiting continuous current | < 1 V AC                                                                                                                                                                                                                            |
| Leakage current                                  | < 1 mA                                                                                                                                                                                                                              |
| Phase angle cos phi min                          | 0.5                                                                                                                                                                                                                                 |
| Max. load value                                  | 4.5 A <sup>2</sup> s                                                                                                                                                                                                                |

#### General

|                                        |                                   |
|----------------------------------------|-----------------------------------|
| Protective circuit                     | Bridge rectifier Bridge rectifier |
|                                        | RCZ filter RCZ filter             |
| Operating mode                         | 100% operating factor             |
| Color                                  | gray                              |
| Flammability rating according to UL 94 | V0 (Housing)                      |
| Mounting position                      | any                               |
| Assembly instructions                  | In rows with zero spacing         |

#### Connection data

|                   |                  |
|-------------------|------------------|
| Connection name   | Input side       |
| Connection method | Screw connection |
| Stripping length  | 8 mm             |

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### Technical data

#### Connection data

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| Screw thread                     | M3                                                            |
| Conductor cross section solid    | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>                  |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>                  |
|                                  | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Single ferrule)  |
|                                  | 2x 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (TWIN ferrule) |
| Conductor cross section AWG      | 26 ... 14                                                     |

#### Connection data 2

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| Connection name                  | Output side                                                   |
| Connection method                | Screw connection                                              |
| Stripping length                 | 8 mm                                                          |
| Screw thread                     | M3                                                            |
| Conductor cross section solid    | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>                  |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>                  |
|                                  | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Single ferrule)  |
|                                  | 2x 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (TWIN ferrule) |
| Conductor cross section AWG      | 26 ... 14                                                     |

#### Standards and Regulations

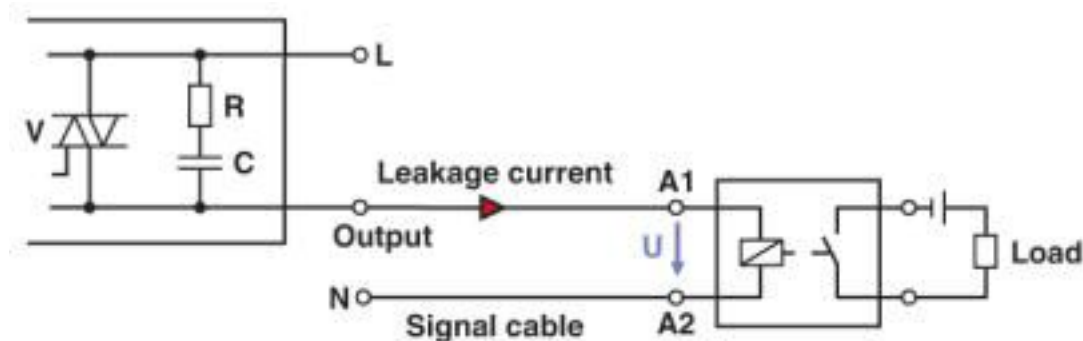
|                                  |     |
|----------------------------------|-----|
| Connection in acc. with standard | CUL |
|----------------------------------|-----|

#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

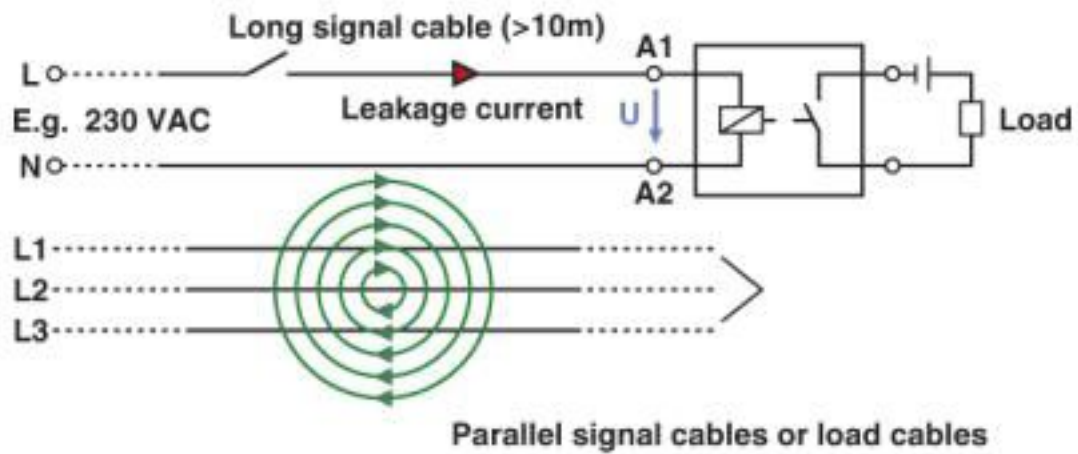
Application drawing



Occurrence of interference signals  
Scenario 1: controller - AC output card

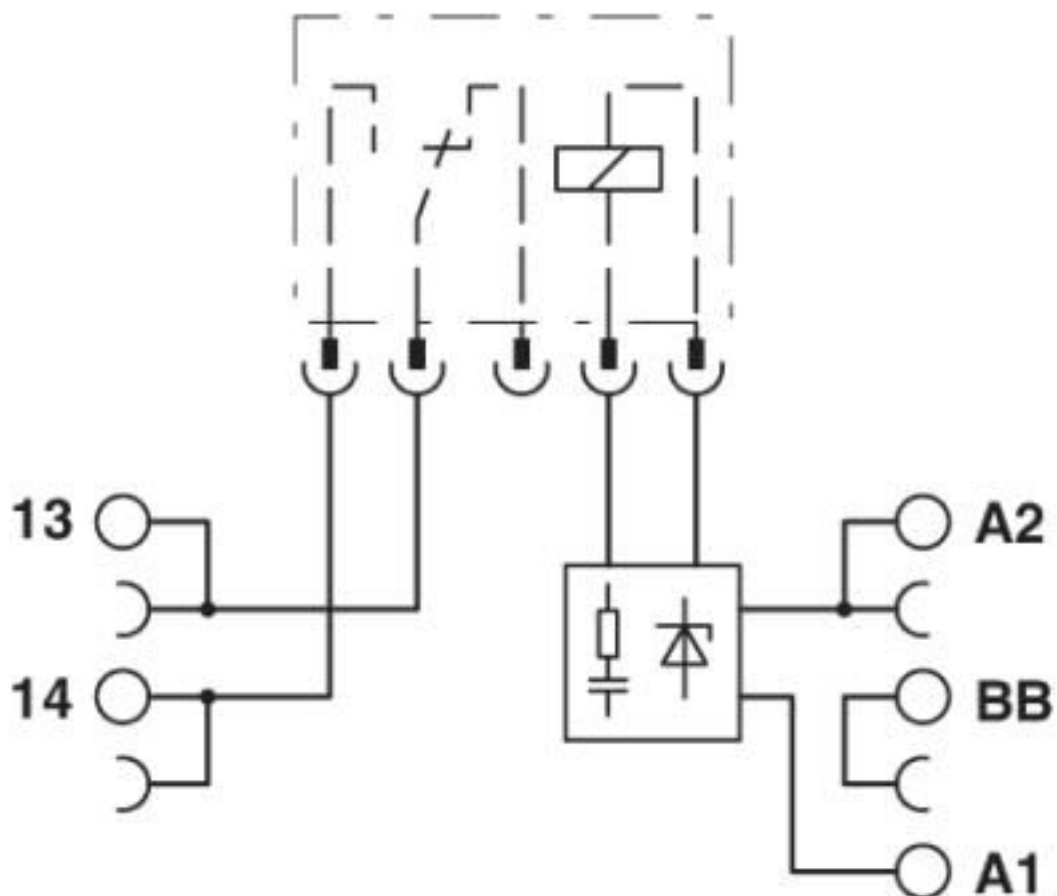
## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

Application drawing



Occurrence of interference signals  
Scenario 2: long signal cables

Circuit diagram



## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27371603 |
| eCl@ss 4.0    | 27371100 |
| eCl@ss 4.1    | 27371100 |
| eCl@ss 5.0    | 27371600 |
| eCl@ss 5.1    | 27371600 |
| eCl@ss 6.0    | 27371600 |
| eCl@ss 7.0    | 27371603 |
| eCl@ss 8.0    | 27371603 |
| eCl@ss 9.0    | 27371603 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001456 |
| ETIM 3.0 | EC001456 |
| ETIM 4.0 | EC001456 |
| ETIM 5.0 | EC001456 |
| ETIM 6.0 | EC001456 |
| ETIM 7.0 | EC001456 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211917 |
| UNSPSC 7.0901 | 39121516 |
| UNSPSC 11     | 39121516 |
| UNSPSC 12.01  | 39121516 |
| UNSPSC 13.2   | 39122326 |
| UNSPSC 18.0   | 39122335 |
| UNSPSC 19.0   | 39122335 |
| UNSPSC 20.0   | 39122335 |
| UNSPSC 21.0   | 39122335 |

### Approvals

#### Approvals

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##### Approvals

PRS / UL Recognized / cUL Recognized / EAC / DNV GL / cULus Recognized

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##### Ex Approvals

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#### Approval details

## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Approvals

|     |                                                                                   |                                                     |                   |
|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------|-------------------|
| PRS |  | <a href="http://www.prs.pl/">http://www.prs.pl/</a> | TE/2109/880590/16 |
|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------|-------------------|

|               |                                                                                   |                                                                                                                                                       |               |
|---------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|---------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

|                |                                                                                   |                                                                                                                                                       |               |
|----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

|     |                                                                                   |  |                        |
|-----|-----------------------------------------------------------------------------------|--|------------------------|
| EAC |  |  | RU D-<br>DE.B*00573/18 |
|-----|-----------------------------------------------------------------------------------|--|------------------------|

|        |                                                                                     |                                                                                   |               |
|--------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|
| DNV GL |  | <a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a> | TAE0000196-03 |
|--------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|

|                  |                                                                                     |  |  |
|------------------|-------------------------------------------------------------------------------------|--|--|
| cULus Recognized |  |  |  |
|------------------|-------------------------------------------------------------------------------------|--|--|

### Accessories

#### Accessories

#### Bridge

Continuous plug-in bridge - FBST 500-PLC RD - 2966786



Continuous plug-in bridge, length: 500 mm, color: red

Continuous plug-in bridge - FBST 500-PLC BU - 2966692



Continuous plug-in bridge, length: 500 mm, color: blue

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### Accessories

Continuous plug-in bridge - FBST 500-PLC GY - 2966838



Continuous plug-in bridge, length: 500 mm, color: gray

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Single plug-in bridge - FBST 6-PLC RD - 2966236



Single plug-in bridge, length: 6 mm, number of positions: 2, color: red

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Single plug-in bridge - FBST 6-PLC BU - 2966812



Single plug-in bridge, length: 6 mm, number of positions: 2, color: blue

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Single plug-in bridge - FBST 6-PLC GY - 2966825



Single plug-in bridge, length: 6 mm, number of positions: 2, color: gray

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Single plug-in bridge - FBST 8-PLC GY - 2967688



Single plug-in bridge, length: 8 mm, number of positions: 2, color: gray



## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Accessories

Single plug-in bridge - FBST 14-PLC BK - 2967691



Single plug-in bridge, length: 14 mm, number of positions: 2, color: black

---

### Controller board

System connection - PLC-V8/FLK14/IN - 2296553



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of input cards, connection 1: Screw connection 1x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

---

System connection - PLC-V8/FLK14/IN/M - 2304115



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of input cards, connection 1: Screw connection 1x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: negative switching

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System connection - PLC-V8/D15S/IN - 2296074



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of input cards, connection 1: Screw connection 1x, connection 2: D-SUB pin strip 1x 15-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

---

System connection - PLC-V8/D15B/IN - 2296087



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of input cards, connection 1: Screw connection 1x, connection 2: D-SUB socket strip 1x 15-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

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### DIN rail

## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Accessories

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Accessories

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

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DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

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DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

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End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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DIN rail perforated - NS 35/15 PERF 2000MM - 1201730

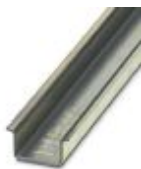


DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Accessories

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

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DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

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DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

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DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

---

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Accessories

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, unperforated, Standard profile 2.3 mm, width: 35 mm, height: 15 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

### Labeled terminal marker

Zack marker strip - ZB 6 CUS - 0824992



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Accessories

#### Zack marker strip - ZB 6,LGS:FORTL.ZAHLEN - 1051016



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

#### Zack marker strip - ZB 6,QR:FORTL.ZAHLEN - 1051029



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

#### Zack marker strip - ZB 6,LGS:GLEICHE ZAHLEN - 1051032



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

#### Marker for terminal blocks - ZB 6,LGS:L1-N,PE - 1051414



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

#### Marker for terminal blocks - ZB 6,LGS:U-N - 1051430



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: U, V, W, N, GND, U, V, W, N, GND, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Accessories

Marker for terminal blocks - UC-TM 6 CUS - 0824589



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

Marker for terminal blocks - UCT-TM 6 CUS - 0829602



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

### Partition plate

Separating plate - PLC-ATP BK - 2966841



Separating plate, 2 mm thick, required at the start and end of a PLC terminal strip. Furthermore, it is used for: visual separation of groups, safe isolation of different voltages of neighboring PLC relays in acc. with DIN VDE 0106-101, isolation

### Power module

Power terminal block - PLC-ESK GY - 2966508



Power terminal block, for the input of up to four potentials, for mounting on NS 35/7.5

### Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

### Terminal marking

## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Accessories

#### Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

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#### Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

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#### Marker for terminal blocks - UCT-TM 6 - 0828736



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

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### Necessary add-on products

#### Single relay - REL-MR- 60DC/21AU - 2961134



Plug-in miniature power relay, with multi-layer gold contact, 1 PDT, input voltage 60 V DC

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#### Single relay - REL-MR- 60DC/21 - 2961118



Plug-in miniature power relay, with power contact, 1 PDT, input voltage 60 V DC



## Relay base - PLC-BSC-230UC/ 1/SEN/SO46 - 2980348

### Accessories

Miniature solid-state relay - OPT-60DC/ 48DC/100 - 2966621



Plug-in miniature solid-state relay, input solid-state relay, 1 N/O contact, input: 60 V DC, output: 3 - 48 V DC/100 mA

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Miniature solid-state relay - OPT-60DC/ 24DC/ 2 - 2966605



Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 60 V DC, output: 3 ... 33 V DC/3 A

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Miniature solid-state relay - OPT-60DC/230AC/ 1 - 2967963



Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 60 V DC, output: 24 - 253 V AC/0.75 A

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