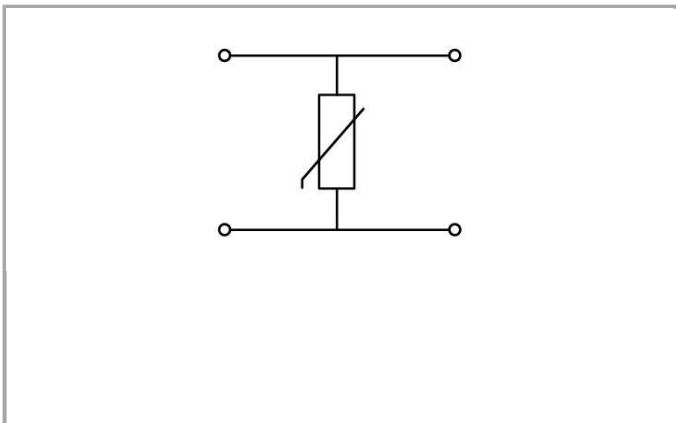
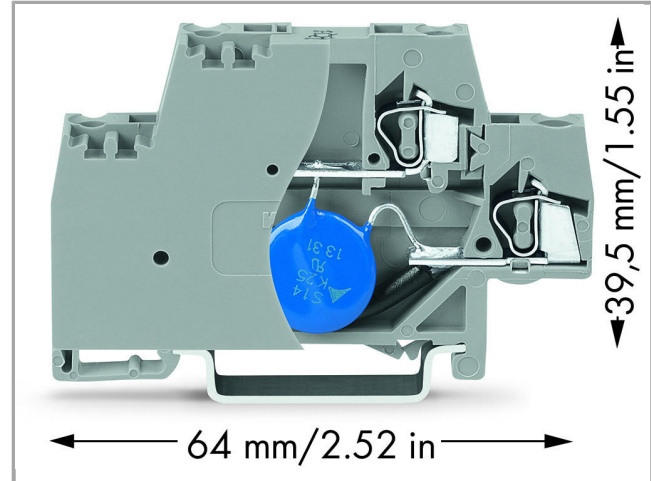
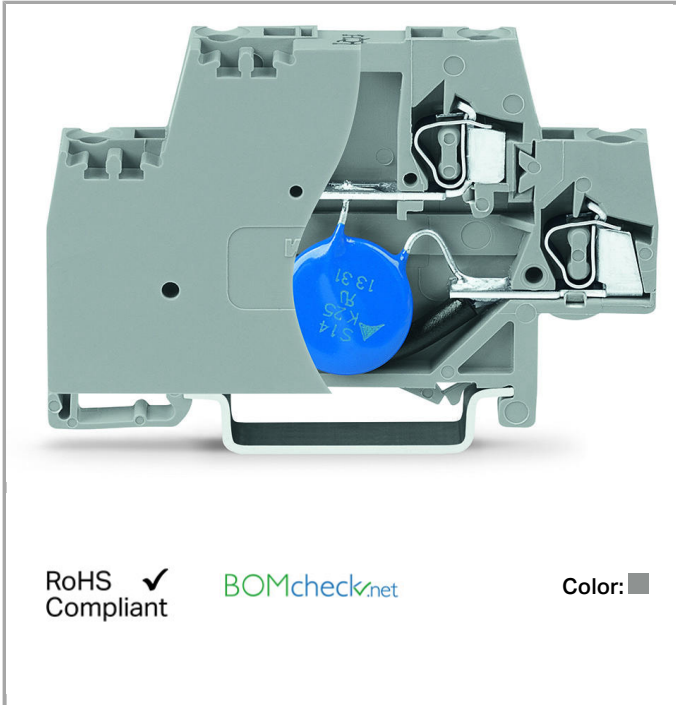


Data sheet | Item number: 280-504/281-588

Component terminal block; double-deck; with end plate; with varistor; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®



280-504/281-588



Item description

Short description:

Terminal blocks with surge suppression device and direct connection to the DIN-35 rail; these single-stage surge suppression devices are equipped either with 280 Series gas-filled surge arrester (coarse), varistor (medium) or suppressor diode (fine).

Features:

- Protect your system against overvoltage
- Slim, space-saving design

- Control operational costs by preventing expensive, unplanned downtime
- High operational reliability and system uptime

Data

Electrical data

| | |
|---|-----------------|
| Nominal operating voltage | AC 230 V |
| Maximum continuous operating voltage | AC 275 V |
| Rated continuous current | 20 A |
| Nominal discharge current (8/20 μ s) per line | 1 kA |
| Max. discharge current | 4.5 kA |
| Voltage protection level (8/20 μ s) | \leq AC 710 V |
| Response time line/line | \leq |
| Capacitance | \leq 320 pF |

Connection data

| | |
|-------------------------|--|
| Connections (number) | 4 |
| Connection technology | CAGE CLAMP® |
| Solid conductor | 0.08 ... 2.5 mm ² / 28 ... 14 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm ² / 28 ... 14 AWG |
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 inch |

Geometrical Data

| | |
|---------------------------------------|----------------------|
| Width | 10 mm / 0.394 inch |
| Height from upper-edge of DIN-35 rail | 39.5 mm / 1.555 inch |
| Depth | 64 mm / 2.52 inch |

Mechanical data

| | |
|------------------|----------------|
| Design | With end plate |
| Type of mounting | DIN-35 rail |

Material Data

| | |
|-----------|----------|
| Color | gray |
| Fire load | 0 MJ |
| Weight | 15.789 g |

Commercial data







| | |
|-------------------|----------------------------------|
| Product Group | 1 (Rail Mounted Terminal Blocks) |
| Country of origin | DE |
| GTIN | 4045454368418 |

Customs Tariff No.


8536901000

Compatible products

Jumper

| | | |
|---|---|---------|
|  | Item no.: 280-482 Comb-style jumper bar; insulated; 2-way; IN = IN terminal block | 280-482 |
|  | Item no.: 280-483 Comb-style jumper bar; insulated; 3-way; IN = IN terminal block | 280-483 |
|  | Item no.: 280-484 Comb-style jumper bar; insulated; 4-way; IN = IN terminal block | 280-484 |
|  | Item no.: 280-485 Comb-style jumper bar; insulated; 5-way; IN = IN terminal block | 280-485 |
|  | Item no.: 280-490 Comb-style jumper bar; insulated; 10-way; IN = IN terminal block | 280-490 |
|  | Item no.: 280-492 Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block | 280-492 |





tools














| | | |
|--|---|---------|
|  | Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm | 210-720 |
|--|---|---------|

Insulation stop

| | | |
|--|---|---------|
|  | Item no.: 280-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip | 280-470 |
|  | Item no.: 280-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip | 280-471 |
|  | Item no.: 280-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip | 280-472 |

Marking accessories

| | | |
|--|---|----------------------|
|  | Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145 |
|  | Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145 /000-002 |
|  | Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145 /000-005 |
|  | Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145 /000-006 |

| | | | |
|--|---|----------|----------|
|  | Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-007 | 2009-145 |
|  | Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-012 | 2009-145 |
|  | Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-023 | 2009-145 |
|  | Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-024 | 2009-145 |
|  | Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card | | 248-501 |
|  | Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-002 | 248-501 |
|  | Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-005 | 248-501 |
|  | Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-006 | 248-501 |
|  | Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-007 | 248-501 |
|  | Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-012 | 248-501 |
|  | Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-017 | 248-501 |
|  | Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-023 | 248-501 |
|  | Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-024 | 248-501 |

Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf

Download



265.8 kB

CAD/CAE - Smart Data

CAD data

| 3D Download 280-504/281-588 | URL | Download |
|-----------------------------|-----|----------|
|-----------------------------|-----|----------|

Subject to changes.
