



Color: ■ gray

| Electrical data |  |      |
|-----------------|--|------|
| Rated current   |  | 24 A |

| Physical data |  |                       |
|---------------|--|-----------------------|
| Width         |  | 4.5 mm / 0.177 inches |
| Height        |  | 6 mm / 0.236 inches   |

| Material data                      |  |                  |
|------------------------------------|--|------------------|
| Color                              |  | gray             |
| Insulation material (main housing) |  | Polyamide (PA66) |
| Flammability class per UL94        |  | V0               |
| Fire load                          |  | 0.007 MJ         |
| Weight                             |  | 1.3 g            |

| Commercial data       |  |                                           |
|-----------------------|--|-------------------------------------------|
| Product Group         |  | 17 (TOP JOB Installation Terminal Blocks) |
| PU (SPU)              |  | 100 (25) pcs                              |
| Packaging type        |  | Box                                       |
| Country of origin     |  | DE                                        |
| GTIN                  |  | 4044918270830                             |
| Customs tariff number |  | 85366990990                               |



| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121410             |
| eCl@ss 10.0            | 27-14-11-40          |
| eCl@ss 9.0             | 27-14-11-40          |
| ETIM 9.0               | EC000489             |
| ETIM 10.0              | EC000489             |
| ECCN                   | NO US CLASSIFICATION |

| Environmental Product Compliance |                         |
|----------------------------------|-------------------------|
| RoHS Compliance Status           | Compliant, No Exemption |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 780-452

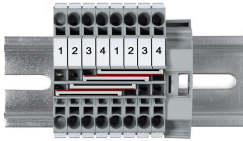
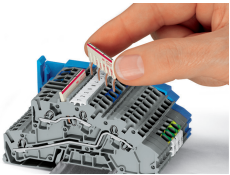
↓

| Documentation |            |                 |   |  |
|---------------|------------|-----------------|---|--|
| Bid Text      |            |                 |   |  |
| 780-452       | 19.02.2019 | xml<br>2.91 KB  | ↓ |  |
| 780-452       | 28.04.2017 | doc<br>24.00 KB | ↓ |  |

| CAD/CAE-Data         |                           |
|----------------------|---------------------------|
| CAD data             | CAE data                  |
| 2D/3D Models 780-452 | EPLAN Data Portal 780-452 |
| ↓                    | ↓                         |
|                      | WSCAD Universe 780-452    |
|                      | ↓                         |
|                      | ZUKEN Portal 780-452      |
|                      | ↓                         |

Installation Notes

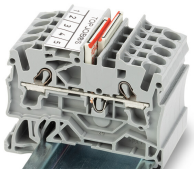
Commoning



Orient the staggered jumpers' red stripes on the inside.  
Insert the staggered jumper and push down until it hits the backstop.

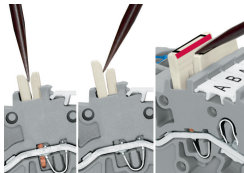
Commoning two potentials in one single jumper slot via extremely slim staggered jumpers.

Commoning



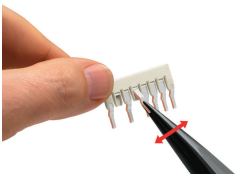
Orient the staggered jumpers' red stripes on the inside.  
Insert the staggered jumper and push down until it hits the backstop.

Commoning

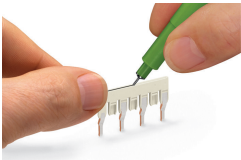


**Removing a staggered jumper:**  
Insert the operating tool between the staggered jumpers, then lift up the jumper.

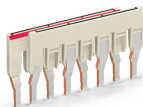
Commoning



**Staggered jumper (seven contacts)**  
Breaking off contact lugs. Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet requirements for clearances and creepage distances.



**Staggered jumpers**  
Marking with a felt-tip pen.



**Staggering jumpers in a single jumper slot:**  
Custom staggered jumpers can be created, e.g., for bridging over a terminal block with a different potential. Make sure that only one contact lug is in contact with the terminal block.  
The contact lugs of the customized staggered jumpers contact the terminal blocks via the gaps created in the second jumper. Insert and press the ready-made jumper assembly into the jumper slot until it hits the backstop.