



## PE-terminal for MBS-I2

**Part no.** MBS-I2-PE  
**Catalog No.** 187713

### Delivery program

|                      |  |   |
|----------------------|--|---|
| Product range        |  | Accessories   |
| Part group reference |  | T3<br>P1  |
| Basic function       |  | Protective conductor terminals                              |
| <b>Notes</b>         |  | Can be used only in conjunction with MBS-I2 mounting plate. |
| For use with         |  | MBS-I2  |

### Design verification as per IEC/EN 61439

| Technical data for design verification   |            |    |     |
|--|------------|----|-----|
| Rated operational current for specified heat dissipation   | $I_n$      | A  | 0   |
| Heat dissipation per pole, current-dependent   | $P_{vid}$  | W  | 0   |
| Equipment heat dissipation, current-dependent  | $P_{vid}$  | W  | 0   |
| Static heat dissipation, non-current-dependent   | $P_{vs}$   | W  | 0   |
| Heat dissipation capacity  | $P_{diss}$ | W  | 0   |
| Operating ambient temperature max.   |            | °C | -25 |
| Operating ambient temperature max.   |            | °C | 50  |
| IEC/EN 61439 design verification   |            |    |     |
| 10.2 Strength of materials and parts   |            |    |     |
| 10.2.2 Corrosion resistance  |            |    |     |
| 10.2.3.1 Verification of thermal stability of enclosures   |            |    |     |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat   |            |    |     |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects |            |    |     |
| 10.2.4 Resistance to ultra-violet (UV) radiation   |            |    |     |
| 10.2.5 Lifting   |            |    |     |
| 10.2.6 Mechanical impact   |            |    |     |
| 10.2.7 Inscriptions  |            |    |     |
| 10.3 Degree of protection of ASSEMBLIES  |            |    |     |
| 10.4 Clearances and creepage distances   |            |    |     |
| 10.5 Protection against electric shock   |            |    |     |
| 10.6 Incorporation of switching devices and components   |            |    |     |
| 10.7 Internal electrical circuits and connections  |            |    |     |
| 10.8 Connections for external conductors   |            |    |     |
| 10.9 Insulation properties   |            |    |     |
| 10.9.2 Power-frequency electric strength   |            |    |     |
| 10.9.3 Impulse withstand voltage   |            |    |     |
| 10.9.4 Testing of enclosures made of insulating material   |            |    |     |
| 10.10 Temperature rise   |            |    |     |
| 10.11 Short-circuit rating   |            |    |     |
| 10.12 Electromagnetic compatibility  |            |    |     |
| 10.13 Mechanical function  |            |    |     |

### Technical data ETIM 6.0

|   |  |                      |
|---|--|----------------------|
| Low-voltage industrial components (EG000017) / Accessories for low-voltage switch technology (EC002498)   |  |                      |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Low-voltage switch technology (accessories) / Component for low-voltage switch technology (accessories) (ecl@ss8.1-27-37-92-01 [AKN570010]) |  |                      |
| Type of accessory   |  | Connection technique |

## Additional product information (links)

|  |   |
|--|---|
| Technical overview cam switch, switch-disconnector | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.2">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.2</a>                                     |
| System overview cam switch T                       | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.4">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.4</a>                                     |
| System overview switch-disconnector P              | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.6">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.6</a>                                     |
| Key to part numbers Cam switch                     | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8</a>                                     |
| Key to part numbers Switch-disconnector            | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8</a>                                     |
| Switches for ATEX                                  | <a href="http://www.coopercrouse-hinds.eu/en/products/25-ex-safety-and-main-current-switches.html">http://www.coopercrouse-hinds.eu/en/products/25-ex-safety-and-main-current-switches.html</a> |