



## Connection cable, flush, SmartWire-DT, L=1m

Part no. **SWIRE-CAB-100**  
 Article no. **107036**  
 Catalog No. **SWIRE-CAB-100**

### Delivery program

|                |    |   |
|----------------|----|---|
| Basic function |    | Connection system SmartWire               |
| Description    |    | Connection cable completely prefabricated |
| Length         | mm | 1000                                      |

### Technical data

#### Main conducting paths

|                                       |           |      |           |
|---------------------------------------|-----------|------|-----------|
| Rated impulse withstand voltage       | $U_{imp}$ | V AC | 6000      |
| Overvoltage category/pollution degree |           |      | III/3     |
| Rated operational voltage             | $U_e$     | V    | 230 - 415 |

#### Additional technical data

|   |  |  |
|---|--|--|
| Motor protective circuit breaker PKZM0, PKE |  | PKZM0 motor-protective circuit-breakers, see motor-protective circuit-breakers/<br>PKZM0 product group<br>DILM contactors, see contactors product group<br>DILET timing relay, ETR, see contactors, electronic timing relays product group |
|---|--|--|

### 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 min.   |            | °C | -25 |
| Operating ambient temperature max.   |            | °C | 55  |
| 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  |            |    |     |

## Technical data ETIM 6.0

PLC's (EG000024) / PLC connection cable (EC000237)

Electric engineering, automation, process control engineering / Control / Control (accessories) / SPS cable connection (ec@ss8.1-27-24-92-05 [ACN746008])

|  |   |                       |
|--|---|-----------------------|
| Function                                   |   | PLC - other devices   |
| Length                                     | m | 1                     |
| Suitable for input board PLC               |   | No                    |
| Suitable for output card PLC               |   | No                    |
| Suitable for digital signals               |   | No                    |
| Suitable for analogue signals              |   | No                    |
| Type of electrical connection, field-sided |   | Connection plug board |
| Type of electrical connection, box-sided   |   | Connection plug board |
| Number of poles                            |   | 6                     |

## Approvals

|                             |  |   |
|-----------------------------|--|---|
| Product Standards           |  | IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking |
| UL File No.                 |  | E29184  |
| UL Category Control No.     |  | NKCR  |
| CSA File No.                |  | 012528  |
| CSA Class No.               |  | 2252-01   |
| North America Certification |  | UL listed, CSA certified                                  |

## Additional product information (links)

### MN03402001Z (AWB1210+1251-1587/-1591) Connection system SmartWire, module

|   |   |
|---|---|
| MN03402001Z (AWB1210+1251-1587/-1591)<br>Verbindungssystem SmartWire, Module -<br>Deutsch           | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_DE.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_DE.pdf</a> |
| MN03402001Z (AWB1210+1251-1587/-1591)<br>Connection system SmartWire, module -<br>English           | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_EN.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_EN.pdf</a> |
| MN03402001Z (AWB1210+1251-1587/-1591)<br>système de connexion SmartWire, Modules -<br>français      | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_FR.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_FR.pdf</a> |
| MN03402001Z (AWB1210+1251-1587/-1591)<br>Sistema di collegamento SmartWire,<br>ModuliAWB - italiano | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_IT.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN03402001Z_IT.pdf</a> |