



## Connection cable for Mobile Panel XVM, 10m

**Part no.** KETOP-TT100-MV1  
**Article no.** 140001

### Delivery program

|             |  |                              |
|-------------|--|------------------------------|
| Accessories |  | Accessories for Mobile Panel |
| Description |  | Connection cable, 10 m       |

### Technical data

#### Power supply

|                          |  |              |
|--------------------------|--|--------------|
| Note on heat dissipation |  | not relevant |
|--------------------------|--|--------------|

#### Environmental conditions

|                                    |    |      |  |
|------------------------------------|----|------|--|
| Temperature                        |    |      |  |
| Operating ambient temperature min. | °C | 0    |  |
| Operating ambient temperature max. | °C | + 50 |  |

### 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         | 0  |  |
| Operating ambient temperature max.   | °C         | 50 |  |
| IEC/EN 61439 design verification   |            |    |  |
| 10.2 Strength of materials and parts   |            |    |  |
| 10.2.2 Corrosion resistance  |            |    | Meets the product standard's requirements.   |
| 10.2.3.1 Verification of thermal stability of enclosures   |            |    | Meets the product standard's requirements.   |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat   |            |    | Meets the product standard's requirements.   |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects |            |    | Meets the product standard's requirements.   |
| 10.2.4 Resistance to ultra-violet (UV) radiation   |            |    | Meets the product standard's requirements.   |
| 10.2.5 Lifting   |            |    | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.2.6 Mechanical impact   |            |    | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.2.7 Inscriptions  |            |    | Meets the product standard's requirements.   |
| 10.3 Degree of protection of ASSEMBLIES  |            |    | Meets the product standard's requirements.   |
| 10.4 Clearances and creepage distances   |            |    | Meets the product standard's requirements.   |
| 10.5 Protection against electric shock   |            |    | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.6 Incorporation of switching devices and components   |            |    | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.7 Internal electrical circuits and connections  |            |    | Is the panel builder's responsibility.   |
| 10.8 Connections for external conductors   |            |    | Is the panel builder's responsibility.   |
| 10.9 Insulation properties   |            |    |  |
| 10.9.2 Power-frequency electric strength   |            |    | Is the panel builder's responsibility.   |
| 10.9.3 Impulse withstand voltage   |            |    | Is the panel builder's responsibility.   |
| 10.9.4 Testing of enclosures made of insulating material   |            |    | Is the panel builder's responsibility.   |
| 10.10 Temperature rise   |            |    | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating   |            |    | Is the panel builder's responsibility.   |
| 10.12 Electromagnetic compatibility  |            |    | Is the panel builder's responsibility.   |
| 10.13 Mechanical function  |            |    | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |

### Technical data ETIM 6.0

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| PLC's (EG000024) / Accessories for controls (EC002584) |
|--|

|                              |  |  |                  |
|------------------------------|--|--|------------------|
| Type of electrical accessory |  |  | Connecting cable |
| Type of mechanical accessory |  |  | -                |
| Type of documentation        |  |  | -                |

## Approvals

|                             |  |  |                                   |
|-----------------------------|--|--|-----------------------------------|
| North America Certification |  |  | UL/CSA certification not required |
|-----------------------------|--|--|-----------------------------------|