

## M2X HALOGENFREE TINNED CABLE



Suitable for fixed wiring in switchboards, control panels and other enclosures.

### CONSTRUCTION

|                    |   |                                                       |
|--------------------|---|-------------------------------------------------------|
| Conductor          | : | IEC 60228 Class 5 (VDE0295)tinned plain copper        |
| Insulation         | : | IEC 60092-351 cross-linked compound (HF90)            |
| Insulation colour: | : | RAL 9005 black, RAL 3000 Red, other colour on request |
| Design standards   | : | VDE0295, IEC 60092-351, IEC 60092-353                 |

### TECHNICAL PROPERTIES (20 °C)

|                                           |   |                                     |
|-------------------------------------------|---|-------------------------------------|
| Conductor Resistance                      | : | IEC/EN 60228                        |
| Test Voltage                              | : | 3,5 kV AC and 8.4 kV DC             |
| Operating Voltage                         | : | 0,6 / 1 kV                          |
| Bending Radius                            | : | 4 x D                               |
| Temperature range                         | : | -40 °C up to + 90 °C                |
| Flame retardant test                      | : | IEC 60332-1/ IEC 60332-3-22 (CAT A) |
| Smoke density                             | : | IEC 61034                           |
| Test of corrosiveness of combustion gases | : | IEC 60754-2 EN 50267                |

### Kabel marking

IEC60092-353 [OMSCHRIJVING] 0.6 / 1 kV IEC 60332-3-22 [METER MARK]

### Additional information

FLAME RETARDANT  
LOW SMOKE EMISSION  
WITHOUT POISONED AND CORROSIVE GASES  
M2X INSULATION 90 °C



**ABS**



## TECHNICAL PROPERTIES (20 °C)

| M2X Halogenfree tinned Cable |                    |                          |                        |
|------------------------------|--------------------|--------------------------|------------------------|
| Number of Cores              | CSA                | Cable diameter (approx.) | Cable weight (approx.) |
|                              | (mm <sup>2</sup> ) | (mm)                     | (kg/km)                |
| 1                            | 0,50               | 2,50                     | 10,8                   |
| 1                            | 0,75               | 2,74                     | 13,8                   |
| 1                            | 1,00               | 3,07                     | 17,8                   |
| 1                            | 1,50               | 3,34                     | 23,0                   |
| 1                            | 2,50               | 3,80                     | 33,2                   |
| 1                            | 4,00               | 4,52                     | 29,0                   |
| 1                            | 6,00               | 5,10                     | 68,5                   |
| 1                            | 10,00              | 6,20                     | 110,2                  |
| 1                            | 16,00              | 7,60                     | 168,0                  |
| 1                            | 25,00              | 9,00                     | 254,1                  |
| 1                            | 35,00              | 9,90                     | 344,2                  |
| 1                            | 50,00              | 11,50                    | 485,5                  |
| 1                            | 70,00              | 13,70                    | 684,5                  |
| 1                            | 95,00              | 15,60                    | 893,9                  |
| 1                            | 120,00             | 17,60                    | 1150,9                 |