

Product data sheet

Specifications



RS485 shielded cable to build safety islands with safe com. modules - 50 m

TSXSCMCN050

Main

| | |
|---------------------------------------|---|
| Range of product | Preventa Safety automation |
| Accessory / separate part type | Connecting cable |
| Accessory / separate part category | Cabling accessory |
| Accessory / separate part destination | RS485 safe communication expansion module |

Complementary

| | |
|--------------------------------|--|
| Product compatibility | XPSMCMCO0000S... |
| Cable length | 50 m |
| Electrical connection | Flying leads |
| AWG gauge | AWG 24 |
| Cable insulation material | PE (polyethylene) |
| Type of cable | Twisted pair cable: white/blue Twisted pair cable: orange/white |
| Cable shielding type | S/FTP |
| [Ue] rated operational voltage | 300 Vrms |
| Permissible current | 2.1 A |
| Cable capacitance | 0.2096 nF (between two conductors) 0.3772 nF (between conductor and shield) |
| Attenuation | 1.97 dB |
| Nominal velocity propagation | 66 % |
| Delay skew | 1.54 ns |
| Insulation resistance | 24 MOhm nominal conductor DC resistance 2.2 MOhm nominal outer shield DC resistance |
| Product weight | 4.6 kg |

Environment

| | |
|---------------------------------------|-------------|
| Ambient air temperature for operation | -20...80 °C |
|---------------------------------------|-------------|

Packing Units

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 15.000 cm |
| Package 1 Width | 30.000 cm |

| | |
|-------------------------|-----------|
| Package 1 Length | 40.000 cm |
| Package 1 Weight | 4.245 kg |



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances

| | |
|--|--|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| REACH Regulation | REACH Declaration |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

Use Again

Repack and remanufacture

| | |
|------------|---|
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |