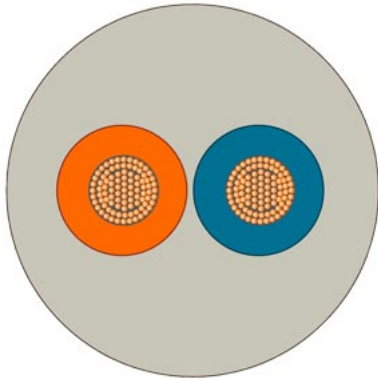


product type designation

product description



Energy cable 2 x 0.75

Power cable (2-core), sold by the meter, unassembled

Energy cable, 2-wire power line, stranded wire, 2x 0.75 mm², trailable
Delivery unit max. 2000 m minimum order quantity 20 m sold by the meter

suitability for use

Connection of signaling contact and 24 V power supply to SCALANCE X and SCALANCE W

cable designation

L-YY-2x1x0.75 GR

electrical data

insulation resistance coefficient

1 GΩ·m

operating voltage / RMS value

600 V

conductor cross section / of the power line

0.75 mm²

continuous current / of the power lines

6 A

mechanical data

number of electrical cores

2

outer diameter

- of inner conductor

1.3 mm

- of the wire insulation

2.5 mm

- of cable sheath

7.4 mm

symmetrical tolerance of the outer diameter / of cable sheath

0.3 mm

design of stranding element

Pairs

conductor class

5

material

- of the conductor

CU, blank

- of the wire insulation

PVC

- of cable sheath

PVC

product component / PE connection

No

marking / of cores

Color

color

- of the power line insulation

brown / blue

- of cable sheath

gray

bending radius

- with single bend / minimum permissible

19 mm

- with multiple bends / minimum permissible

45 mm

- with continuous bending

57 mm

number of bending cycles

100000

tensile load / maximum

100 N

weight per length

70 kg/km

ambient conditions


ambient temperature

- during operation

-20 ... +80 °C

- during storage

-20 ... +80 °C

| | |
|---|--|
| <ul style="list-style-type: none"> during transport during installation | -20 ... +80 °C |
| fire behavior | -20 ... +80 °C |
| class of burning behaviour / according to EN 13501-6 | Flame-resistant acc. to IEC 60332-1 |
| chemical resistance | Eca |
| <ul style="list-style-type: none"> to mineral oil to grease to water | Conditional resistance Conditional resistance Conditional resistance |
| radiological resistance / to UV radiation | resistant |
| product features, product functions, product components / general | |
| product feature | |
| <ul style="list-style-type: none"> halogen-free silicon-free | No Yes |
| standards, specifications, approvals | |
| UL/ETL listing / 300 V Rating | Yes; CL3 |
| UL/ETL style / 600 V Rating | Yes |
| certificate of suitability | |
| <ul style="list-style-type: none"> EAC approval RoHS conformity | Yes Yes |
| further information / internet-Links | |
| Internet-Link | |
| <ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Selection guide for cables and connectors to website: Image database to website: CAx-Download-Manager to website: Industry Online Support | http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter https://sie.ag/2QdlxcP http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com |
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