

Data sheet

6XV1822-5BH15

product type designation

product description

7/8 inch connecting cable

Plug-in cable (5-core), preferred length, preassembled with two 5-pole 7/8 inch male/female-contact connectors

7/8" plug-in cable for Power supply of the ET 200, pre-assembled cable with 2 7/8" connectors, 5-pole, 1.5 m .



suitability for use

cable designation

wire length

Power supply of ET 200 modules with 7/8 inch power port to IP 65 degree of protection

L-Y11Y-Z 5x1x1.5 GR

1.5 m

electrical data

insulation resistance coefficient

operating voltage / RMS value

conductor cross section / of the power line

continuous current / of the power lines

1 GΩ·m

600 V

1.5 mm²

16 A

mechanical data

number of electrical cores

type of electrical connection

outer diameter

- of inner conductor

- of the wire insulation

- of cable sheath

symmetrical tolerance of the outer diameter / of cable sheath

design of stranding element

conductor class

material

- of the conductor

- of the wire insulation

- of cable sheath

product component / PE connection

marking / of cores

color

- of the power line insulation

- of cable sheath

bending radius

- with single bend / minimum permissible

- with multiple bends / minimum permissible

- with continuous bending

number of bending cycles

tensile load / maximum

weight per length

5

7/8 inch - 180

1.55 mm

2.73 mm

10.5 mm

0.3 mm

Pairs

5

CU, blank

PVC

PUR

Yes

Color, digits

black

gray

27 mm

63 mm

75 mm

5000000; For use in cable carriers, for 5 million bending cycles with a bending radius of 75 mm, an acceleration of 4 m/s² and a speed of 180 m/min

500 N

149 kg/km

plug

type of plug interlock	screwed
design of plug-in connection	7/8 inch - 180
connector coding	7/8 inch
ambient conditions	
ambient temperature	
• during operation	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
• during installation	-40 ... +80 °C
fire behavior	Flame-resistant acc. to IEC 60332-1
chemical resistance	
• to mineral oil	resistant
• to grease	resistant
radiological resistance / to UV radiation	resistant
protection class IP	IP65 / 67
product features, product functions, product components / general	
product feature	
• halogen-free	No
• silicon-free	Yes
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	No
UL/ETL style / 600 V Rating	Yes
certificate of suitability	
• EAC approval	Yes
• RoHS conformity	Yes
further information / internet-Links	
Internet-Link	
• to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAX-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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