

## Data sheet

6XV1822-5BH30

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, 3 m.



Technical Product Detail Page

<https://i.siemens.com/1P6XV1822-5BH30>

suitability for use

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

cable designation

L-Y11Y-Z 5x1x1.5 GR

wire length

3 m

**electrical data**

insulation resistance coefficient

1 GΩ·m

operating voltage / RMS value

600 V

conductor cross section / of the power line

1.5 mm<sup>2</sup>

continuous current / of the power lines

16 A

**mechanical data**

number of electrical cores

5

type of electrical connection

7/8 inch - 180

outer diameter

1.55 mm

- of inner conductor

2.73 mm

- of the wire insulation

10.5 mm

- of cable sheath

symmetrical tolerance of the outer diameter / of cable sheath

0.3 mm

design of stranding element

Pairs

conductor class

5

material

CU, blank

- of the conductor

PVC

- of the wire insulation

PUR

- of cable sheath

product component / PE connection

Yes

marking / of cores

Color, digits

color

black

- of the power line insulation

gray

- of cable sheath

bending radius

27 mm

- with single bend / minimum permissible

63 mm

- with multiple bends / minimum permissible

75 mm

- with continuous bending

number of bending cycles

5000000; For use in cable carriers, for 5 million bending cycles with a bending radius of 75 mm, an acceleration of 4 m/s<sup>2</sup> and a speed of 180 m/min

tensile load / maximum

500 N

weight per length

149 kg/km

<b>plug</b>					
type of plug interlock	screwed				
design of plug-in connection	7/8 inch - 180				
connector coding	7/8 inch				
<b>ambient conditions</b>					
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				
<b>product features, product functions, product components / general</b>					
product feature					
• halogen-free	No				
• silicon-free	Yes				
<b>standards, specifications, approvals</b>					
UL/ETL listing / 300 V Rating	No				
UL/ETL style / 600 V Rating	Yes				
certificate of suitability	UL2238 E300110				
• EAC approval	Yes				
• RoHS conformity	Yes				
<b>further information / internet links</b>					
internet link					
• to website: Selection guide for cables and connectors	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>				
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>				
• to website: Industrial communication	<a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a>				
• to web page: SiePortal	<a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>				
• to website: Image database	<a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>				
• to website: CAx-Download-Manager	<a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>				
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>				
<b>security information</b>					
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<b>Approvals / Certificates</b>					
<b>General Product Approval</b>					
		<a href="#">Declaration of Conformity</a>		<a href="#">China RoHS</a>	<a href="#">Manufacturer Declaration</a>

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