

Data sheet

6XV1822-5BE30

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, 0.3 m .



Technical Product Detail Page

<https://i.siemens.com/1P6XV1822-5BE30>

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

0.3 m

electrical data

insulation resistance coefficient

1 GΩ·m

operating voltage / RMS value

600 V

conductor cross section / of the power line

1.5 mm²

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/s² and a speed of 180 m/min

tensile load / maximum

500 N

weight per length

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	UL2238 E300110				
• EAC approval	Yes				
• RoHS conformity	Yes				
further information / internet links					
internet link					
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358				
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud				
• to website: Industrial communication	https://www.siemens.com/simatic-net				
• to web page: SiePortal	https://sieportal.siemens.com/				
• to website: Image database	https://www.automation.siemens.com/bilddb				
• to website: CAx-Download-Manager	https://www.siemens.com/cax				
• to website: Industry Online Support	https://support.industry.siemens.com				
security information					
security information	<p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)</p>				
Approvals / Certificates					
General Product Approval					
	Declaration of Conformity			Manufacturer Declaration	China RoHS

last modified:

10/29/2025 