SIEMENS

Data sheet 6XV1822-5BE30

product type designation	**7/8 inch connecting cable**
product description	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	
● of inner conductor	1.55 mm
● of the wire insulation	2.73 mm
● of cable sheath	10.5 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	PUR
product component / PE connection	Yes
marking / of cores	Color, digits
color	
● of the power line insulation	black
● of cable sheath	gray
bending radius	
● with single bend / minimum permissible	27 mm
● with multiple bends / minimum permissible	63 mm
● with continuous bending	75 mm
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	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)

Approvals / Certificates

General Product Approval

Declaration of Conformity

Manufacturer Declaration

China RoHS

Industrial Communication

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