

Power line 7/8" for 24 V connected and unconnected assembled with 2 x 7/8" angled on both ends 1.5 mm² pin - socket 5-pole, Length 3.0 m



Figure similar

General technical data		
product description		7/8" socket, angled on 7/8" plug angled
wire length	m	3
General technical data		
ampacity per pin maximum	A	8
operating voltage		
• 1		
— at DC maximum	V	230
— at AC maximum	V	230
• 2		
— at DC maximum	V	400
— at AC maximum	V	400
surge voltage resistance rated value	kV	3
Mechanical data		
number of electrical cores		5
type of cable outlet		angled
number of poles		5
color		
• of cable sheath		gray
• of the insulation of data wires		black, blue, green yellow, brown, white
material		
• of cable sheath		Polyurethane
• of the wire insulation		polypropylene (PP)
• of the enclosure		polyurethane
design of the shield		unshielded
type of strain relief		molded
bending radius		
• with single bend minimum permissible	mm	65.25
• with multiple bends minimum permissible	mm	87
number of bending cycles		5 000 000
mechanical service life (mating cycles)		100
outer diameter		
• of the wire insulation	mm	2.3
• of inner conductor	mm	84
• of the cable	mm	8.7
symmetrical tolerance of the outer diameter of the cable	mm	0.2
type of connectable conductor cross-sections stranded		5 x 1.5 mm ²
type of plug interlock		7/8 thread
cable end components		populated on both sides

Ambient conditions		
ambient temperature • during storage • during operation	°C	-25 ... +80
	°C	80 ... -20
protection class IP		IP67
chemical resistance • to mineral oil • to water • to grease		conditional, must be checked relative to the application
		conditional, must be checked relative to the application
		conditional, must be checked relative to the application
degree of pollution		3

Certificates/ approvals		
certificate of suitability • CSA approval • RoHS conformity • UL approval • CCC • IEC approval • cUL approval • C-Tick		Yes
		Yes
		No
		No
		No
		No
		No

Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1902-3NB30>

Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-3NB30>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RK1902-3NB30>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-3NB30&lang=en

last modified:

4/2/2025 