

Power line 7/8" for 24 V connected and unconnected
assembled with 1 x 7/8" angled on one side, 1.5 mm²
Socket, 5-pole, Length 3.0 m



General technical data		
Product description		7/8" socket, 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		open on one side

Ambient conditions

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

Certificates/ approvals

Certificate of suitability		
• CSA-approval		Yes
• RoHS conformity		Yes
• UL approval		No
• CCC		No

- IEC certificate
- cUL approval
- C-Tick

	No
	No
	No

Further information

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=3RK1902-3GB30>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-3GB30>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1902-3GB30>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-3GB30&lang=en

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