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Data sheet 3RK1902-3BA00

Plug-in connector 7/8" for 24 V connected and unconnected with screw terminal, 1.5 mm2 angled pin Cable diameter 6...8.7 mm Operational current max. 9 A IP67 in inserted and screwed condition



General technical data		
ampacity per pin maximum	A	9
operating voltage maximum	V	250
flow resistance maximum	Ω·m	3
Mechanical data		
type of connection technology		Screw terminals
connector type		Pin
type of cable outlet		angled
number of poles		5
connectable conductor cross-section for flexible conductor maximum	mm²	1.5
diameter of inlet opening	mm	6 ... 8.7
material		
● of the contact		Brass
● of contact coating		Gold
● of connector fixed part		Polyamide, polyurethane
● of the enclosure		Zinc diecast, nickel-plated, polybutylene terephthalate
depth	mm	20
height	mm	54
width	mm	43
type of strain relief		Pressure screw, pinch ring
mechanical service life (mating cycles)		100
type of plug interlock		7/8 thread
Connections/ Terminals		
type of connection technology		Screw terminals
ampacity per pin maximum	A	9
Ambient conditions		
ambient temperature		
● during storage	°C	-25 ... +85
● during operation	°C	-25 ... +85
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
Certificates/ approvals		
certificate of suitability		
● CSA approval		No
● RoHS conformity		Yes

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● UL approval		No
● CCC		No
● IEC approval		No
● cUL approval		No
● C-Tick		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=3RK1902-3BA00
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-3BA00
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK1902-3BA00
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-3BA00&lang=en

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