SIEMENS

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
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
● UL approval		No
● CCC		No
● IEC approval		No
● cUL approval		No
● C-Tick		No
Further information		

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
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
http://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, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-3BA00&lang=en

---

last modified: 8/29/2023 ⬈