SIEMENS

Datasheet 3RK1902-3BA00

CONNECTOR FOR 7/8 FOR 24V SWITCHED AND UNSWITCHED WITH SCREW CONNECTION, 1.5MM2 ANGLED MALE

General technical data:		
Product description		7/8" plug angled, 5 pole
Ampacity per pin maximum	A	9
Operating voltage maximum	V	250
Flow resistance maximum	Ω·m	3

Mechanical data:		
Type of connection		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 feed through 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	85 ... -25
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 certificate		No
• cUL approval		No

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrymall

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK19023BA00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RK19023BA00/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK19023BA00&lang=en

last modified: 09.02.2015