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Data sheet 3RK1902-4BA00-5AA0

M12 plug straight screw terminal max. 0.75 mm2, 5-pole A-encoded maximal 4 A



General technical data		
ampacity per pin maximum	A	4
operating voltage maximum	V	60
surge voltage resistance rated value	kV	0.8
Mechanical data		
type of connection technology		Screw terminals
connector type		Pin
number of poles		5
connectable conductor cross-section for flexible conductor maximum	mm²	0.75
diameter of inlet opening	mm	4 ... 6
material		
● of connector fixed part		Polyamide
● of the enclosure		Zinc diecast, nickel-plated
depth	mm	20
height	mm	60
width	mm	20
mechanical service life (mating cycles)		100
type of plug interlock		M12 x 1 thread
Connections/ Terminals		
type of connection technology		Screw terminals
ampacity per pin maximum	A	4
Ambient conditions		
ambient temperature		
● during storage	°C	-40 ... +85
● during operation	°C	-40 ... +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
degree of pollution		3
Certificates/ approvals		
certificate of suitability		
● CSA approval		No
● RoHS conformity		Yes
● UL approval		No
● CCC		No
● IEC approval		Yes

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● cUL approval		Yes
● 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=3RK1902-4BA00-5AA0
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1902-4BA00-5AA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK1902-4BA00-5AA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1902-4BA00-5AA0&lang=en

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