

Data sheet

3RK1908-1AA00-0BP0

	3DI/LC module (conn. terminals) for ET 200SP motor starter
Product category	Accessories
Product designation	3DI/LC control module
Design of the product	Accessories
Product type designation	3DI/LC module

General technical data

Product function	Accessories
with 24 V encoder supply Short-circuit protection	Yes
Diagnostics function Short-circuit detection	Yes
Display version for diagnostic function: Status display transmission channel channel status LED	Yes
Note	Green LED
Degree of pollution	2
Protection class IP	IP20
Shock resistance	6g / 11 ms
Vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
Protection against electrical shock	finger-safe
Product function Short circuit protection	Yes

Inputs/ Outputs

Product function	
digital inputs parameterizable	Yes
at the standard inputs at rated input voltage parameterizable input delay time	No
Input delay time at the standard inputs	
for signal <0> to <1> at rated input voltage	10 ... 15 ms
for signal <1> to <0> at rated input voltage	10 ... 15 ms
Number of digital inputs	4
Note	Inputs 1-3 parameterizable; input 4 (LC) for local control
Digital input version	
Type 1 acc. to IEC 61131	Yes
Value range of the input voltage at digital input for signal <0> detection	-30 ... +5 V
Value range of the input voltage at digital input for signal <1> detection	+15 ... +30 V
Input current at digital input	
for signal <1> typical	9 mA
Type of output voltage for encoder supply	DC

Output voltage for encoder supply minimum	19.2 V
Output current for encoder supply at 60 °C maximum	0.1 A
Wire length of sensor maximum	30 m

Installation/ mounting/ dimensions

Mounting position	vertical, horizontal, flat
Mounting type	Can be plugged onto motor starters
Height	54.5 mm
Width	30 mm
Depth	42.3 mm

Ambient conditions

Installation altitude at height above sea level	
• maximum	2 000 m
Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Relative humidity during operation	10 ... 95 %
Air pressure	
• acc. to SN 31205	900 ... 1 060 hPa

Connections/Terminals

Type of electrical connection	
• for auxiliary and control current circuit	PUSH-IN connection (spring-loaded connection)
Connectable conductor cross-section for auxiliary contacts	
• single or multi-stranded	0.2 ... 1.5 mm ²
• finely stranded with core end processing	0.25 ... 1.5 mm ²
• finely stranded without core end processing	0.2 ... 1.5 mm ²
AWG number as coded connectable conductor cross section	
• for auxiliary contacts	24 ... 16
Shape of the screwdriver tip	Slot
Size of the screwdriver tip	Standard screwdriver 0.6 mm x 3.5 mm

Certificates/approvals

General Product Approval			Declaration of Conformity	Test Certificates	Shipping Approval
				Type Test Certificates/Test Report	
CSA	UL		EG-Konf.		ABS

Shipping Approval	other
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[Confirmation](#)

[Environmental Confirmations](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1908-1AA00-0BP0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-1AA00-0BP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1908-1AA00-0BP0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1908-1AA00-0BP0&lang=en

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