

3DI/LC module (connection terminals) for ET 200SP motor starter



Product brand name	SIMATIC
Product category	Accessories
Product designation	3DI/LC control module
Design of the product	Accessories
Product type designation	ET 200SP

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
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
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	spring-loaded terminals (push-in)
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			EMC	Declaration of Conformity	
					Miscellaneous
CSA	UL		RCM	EG-Konf.	

Test Certificates	Marine / Shipping	other
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[Type Test Certificates/Test Report](#)



ABS



LRS



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[Confirmation](#)

Further information

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

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

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

Cax online generator

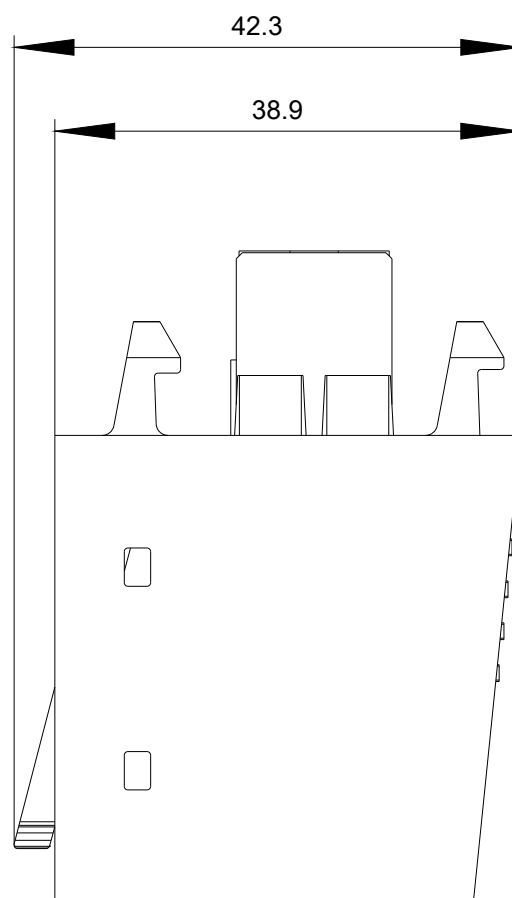
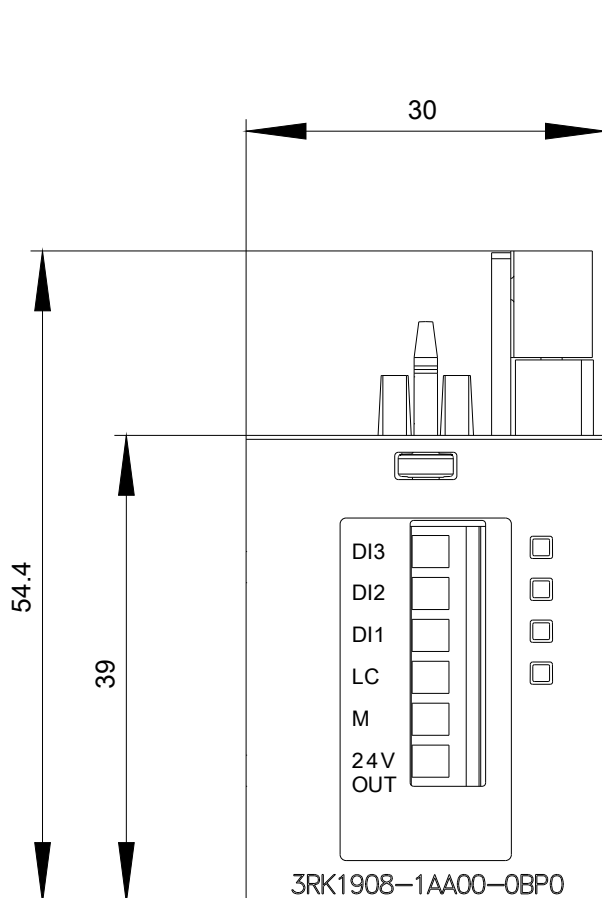
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-1AA00-0BP0>

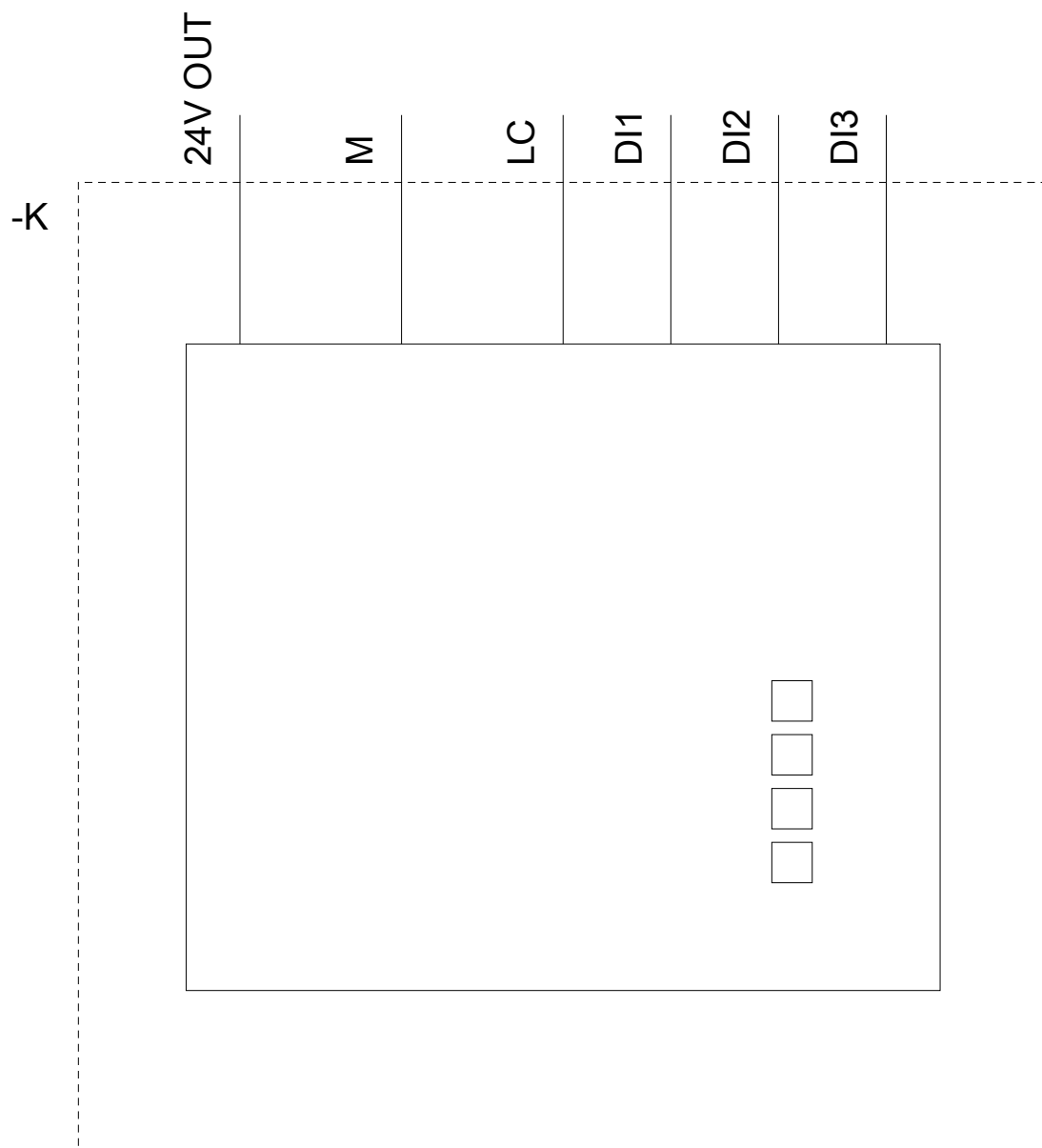
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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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