SIEMENS

Data sheet 3RK1908-1AA00-0BP0



3DI (LC) submodules (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
● product function with 24 V sensor 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
shock resistance	6 g / 11 ms
vibration resistance	15 mm to 6 Hz; 2 g to 500 Hz
Substance Prohibitance (day/month/year)	04/15/2016
SVHC substance name	Lead CAS-No. 7439-92-1
Net Weight	0.031 kg
product function short circuit protection	Yes
Electrical Safety	
touch protection against electrical shock	finger-safe
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 sensor supply	DC

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output voltage for sensor supply minimum	19.2 V
output current for sensor supply at 60 °C maximum	0.1 A
wire length of sensor maximum	30 m
Installation/ mounting/ dimensions	
mounting position	vertical, horizontal, flat
fastening method	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 according to SN 31205	900 ... 1 060 hPa
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	spring-loaded terminals (push-in)
connectable conductor cross-section for auxiliary contacts	
● solid or stranded	0.2 ... 1.5 mm²
● finely stranded with core end processing	0.25 ... 1.5 mm²
● finely stranded without core end processing	0.2 ... 1.5 mm²
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

Approvals Certificates

General Product Approval	EMV	Test Certificates
		Type Test Certificates/Test Report

Maritime application	other	Environment
	Confirmation	Environmental Confirmations

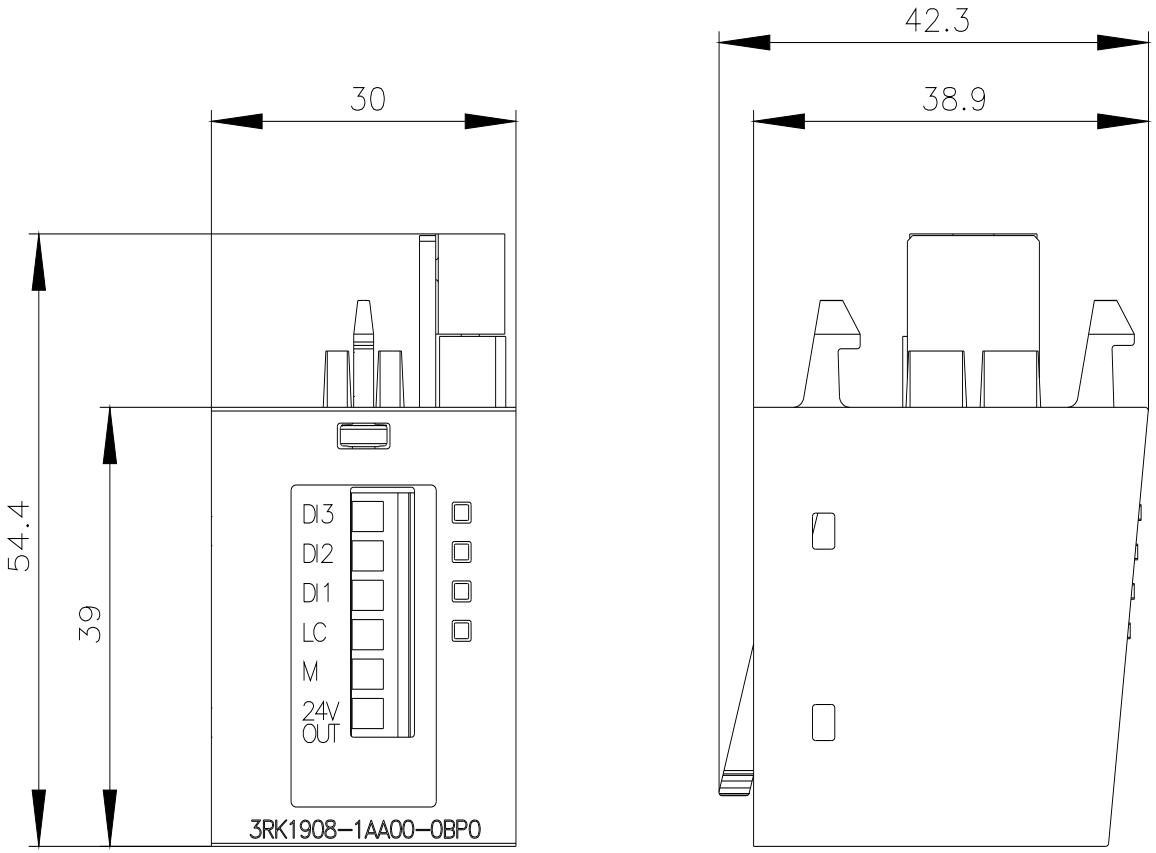
Environment

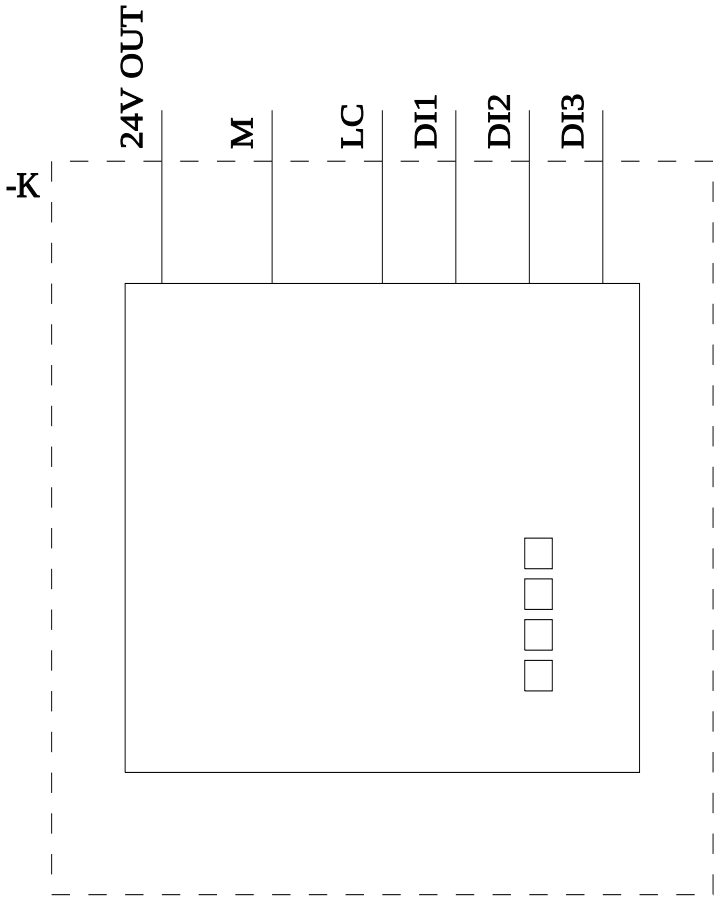
Further information

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=3RK1908-1AA00-0BP0
Cax online generator
https://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

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