



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	
<ul style="list-style-type: none"> product function 	Accessories
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> note 	Green LED
degree of pollution	2
protection class IP	IP20
shock resistance	6g / 11 ms
Substance Prohibitance (Date)	04/15/2016
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8
product function short circuit protection	Yes
Electrical Safety	
touch protection against electrical shock	finger-safe
Inputs/ Outputs	
product function	
<ul style="list-style-type: none"> digital inputs parameterizable 	Yes
<ul style="list-style-type: none"> at the standard inputs at rated input voltage parameterizable input delay time 	No
input delay time at the standard inputs	
<ul style="list-style-type: none"> for signal <0> to <1> at rated input voltage 	10 ... 15 ms
<ul style="list-style-type: none"> for signal <1> to <0> at rated input voltage 	10 ... 15 ms
number of digital inputs	4
<ul style="list-style-type: none"> 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
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 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
Approvals Certificates	
General Product Approval	EMV



[Confirmation](#)



Test Certificates

Marine / Shipping

other

[Type Test Certificates/Test Report](#)



[Confirmation](#)

Environment

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<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



