



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   |
| <b>General technical data</b>  |  |
| <ul style="list-style-type: none"> <li>product function</li> </ul>   | Accessories  |
| <ul style="list-style-type: none"> <li>product function with 24 V sensor supply short-circuit protection</li> </ul>              | 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"> <li>note</li> </ul>   | Green LED  |
| degree of pollution  | 2  |
| shock resistance   | 6g / 11 ms   |
| vibration resistance   | 15 mm to 6 Hz; 2g to 500 Hz                                |
| Substance Prohibitance (Date)  | 04/15/2016   |
| SVHC substance name  | Lead - 7439-92-1<br>Lead monoxide (lead oxide) - 1317-36-8 |
| Weight   | 0.05 kg  |
| product function short circuit protection  | Yes  |
| <b>Electrical Safety</b>   |  |
| touch protection against electrical shock  | finger-safe  |
| <b>Inputs/ Outputs</b>   |  |
| product function   |  |
| <ul style="list-style-type: none"> <li>digital inputs parameterizable</li> </ul>   | Yes  |
| <ul style="list-style-type: none"> <li>at the standard inputs at rated input voltage parameterizable input delay time</li> </ul> | No   |
| input delay time at the standard inputs  |  |
| <ul style="list-style-type: none"> <li>for signal &lt;0&gt; to &lt;1&gt; at rated input voltage</li> </ul>                       | 10 ... 15 ms   |
| <ul style="list-style-type: none"> <li>for signal &lt;1&gt; to &lt;0&gt; at rated input voltage</li> </ul>                       | 10 ... 15 ms   |
| number of digital inputs   | 4  |
| <ul style="list-style-type: none"> <li>note</li> </ul>   | 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                                 |
| <b>Installation/ mounting/ dimensions</b>                                      |                                      |
| mounting position  | vertical, horizontal, flat           |
| fastening method   | Can be plugged onto motor starters   |
| height   | 54.5 mm                              |
| width  | 30 mm                                |
| depth  | 42.3 mm                              |
| <b>Ambient conditions</b>  |                                      |
| 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                    |
| <b>Connections/ Terminals</b>  |                                      |
| 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 <sup>2</sup>          |
| • finely stranded with core end processing                                     | 0.25 ... 1.5 mm <sup>2</sup>         |
| • finely stranded without core end processing                                  | 0.2 ... 1.5 mm <sup>2</sup>          |
| 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 |
| <b>Approvals Certificates</b>  |                                      |
| General Product Approval   |                                      |
| Test Certificates  |                                      |



[Confirmation](#)



[Type Test Certificates/Test Report](#)

|   |   |   |
|---|---|---|
| Marine / Shipping   | other   | Environment   |
|  |  |  |

[Confirmation](#)

[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

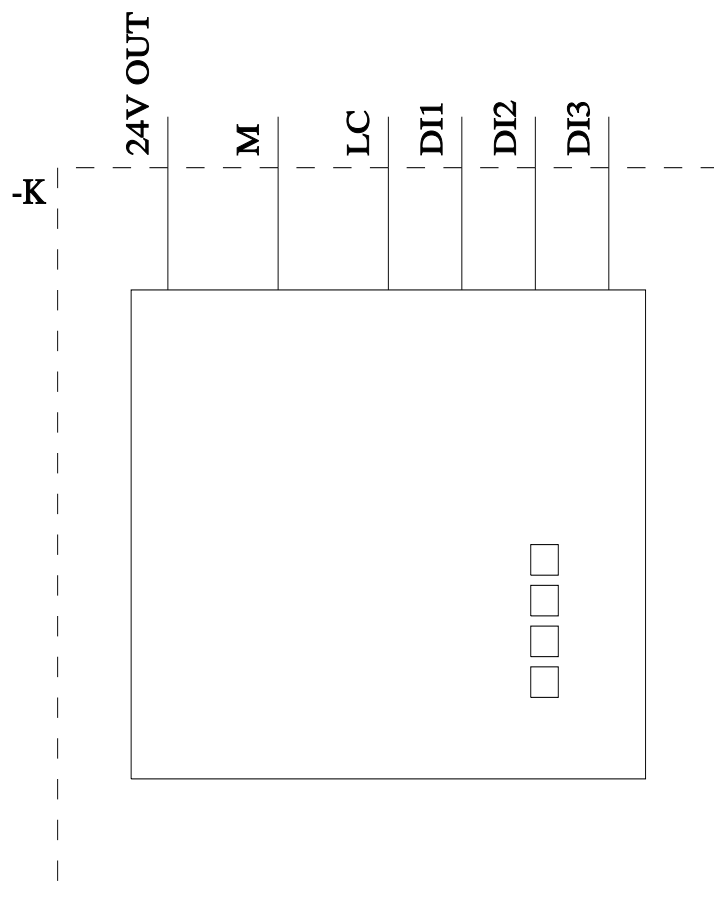
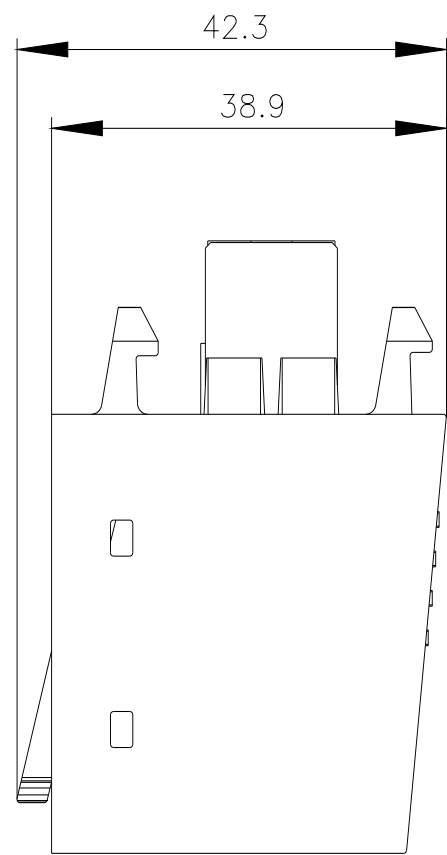
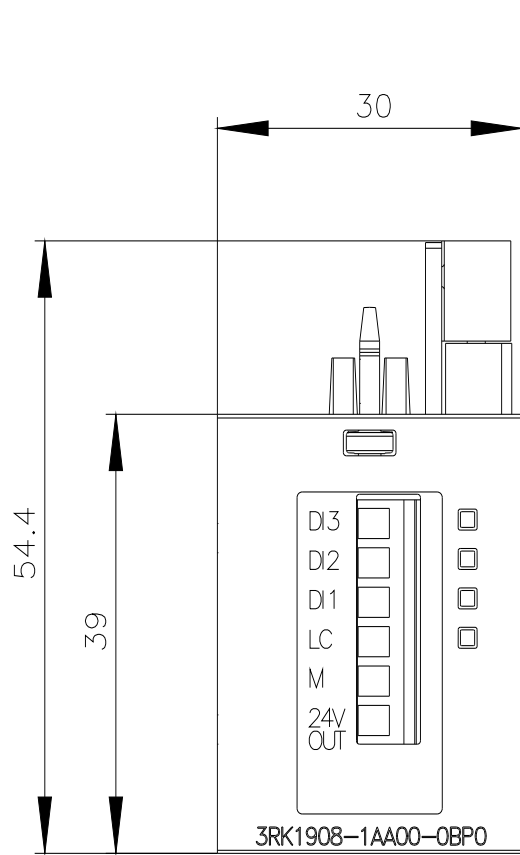
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##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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





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