

LOGO! AM2 RTD EXPAN. MODULE, PU: DC 12/24V, 2AI, -50 ...  
+200 DEGR/C PT100/1000



| Supply voltage   |   |
|--|---|
| Rated value (DC)   |   |
| <ul style="list-style-type: none"> <li>• 12 V DC</li> <li>• 24 V DC</li> </ul>                                   | <p>Yes; 10.8V DC to 28.8V DC</p> <p>Yes; 10.8V DC to 28.8V DC</p>             |
| Analog inputs  |   |
| Number of analog inputs  | 2; 2 or 3 wire connection   |
| Input ranges   |   |
| <ul style="list-style-type: none"> <li>• Voltage</li> <li>• Current</li> <li>• Resistance thermometer</li> </ul> | <p>No</p> <p>No</p> <p>Yes; For PT100/PT1000 sensors</p>                      |
| EMC  |   |
| Emission of radio interference acc. to EN 55 011   |   |
| <ul style="list-style-type: none"> <li>• Limit class B, for use in residential areas</li> </ul>                  | Yes; Radio interference suppression according to EN55011, Limit Value Class B |
| Degree and class of protection   |   |
| Degree of protection acc. to EN 60529  |   |
| <ul style="list-style-type: none"> <li>• IP20</li> </ul>   | Yes   |

## Standards, approvals, certificates

|  |  |
|--|--|
| CSA approval                           | Yes; C22.2 Number 142  |
| UL approval                            | Yes; UL 508  |
| FM approval                            | Yes; FM-Standards No. 3611, 3600, 3810 Class I, Division 2, Group A, B, C, D |
| developed in accordance with IEC 61131 | Yes; EN 61131-2 (IEC 1131-2)   |
| <b>Marine approval</b>                 |  |
| • Marine approval                      | Yes; ABS, BV, DNV, GL, LRS, Class NK   |

## Ambient conditions

|   |       |
|---|-------|
| <b>Ambient temperature during operation</b> |       |
| • min.                                      | 0 °C  |
| • max.                                      | 55 °C |

## Dimensions

|                       |            |
|-----------------------|------------|
| Width                 | 36 mm      |
| Height                | 90 mm      |
| Depth                 | 53 mm      |
| <b>last modified:</b> | 08.08.2015 |