

LOGO! 12/24RCO, LOGIC MODULE PU/I/O: 12/24V DC/RELAY, 8 DI (2AI)/4 DO; W/O DISPLAY, MEMORY 130 BLOCKS, EXPANDABLE WITH EXTRA MODULES

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| <b>Installation type/mounting</b>                       |                                                      |
| Mounting                                                | on 35 mm DIN rail, 4 spacing units wide              |
| <b>Supply voltage</b>                                   |                                                      |
| Rated value (DC)                                        |                                                      |
| • 12 V DC                                               | Yes                                                  |
| • 24 V DC                                               | Yes                                                  |
| permissible range, lower limit (DC)                     | 10.8 V                                               |
| permissible range, upper limit (DC)                     | 28.8 V                                               |
| <b>Time of day</b>                                      |                                                      |
| <b>Time switching clocks</b>                            |                                                      |
| • Number                                                | 8                                                    |
| • Power reserve                                         | 80 h                                                 |
| <b>Digital inputs</b>                                   |                                                      |
| Number of digital inputs                                | 8; Of which 2 can be used in analog mode (0 to 10 V) |
| <b>Digital outputs</b>                                  |                                                      |
| Number of digital outputs                               | 4; Relays                                            |
| Short-circuit protection                                | No; external fusing necessary                        |
| <b>Relay outputs</b>                                    |                                                      |
| <b>Switching capacity of contacts</b>                   |                                                      |
| — with inductive load, max.                             | 3 A                                                  |
| — with resistive load, max.                             | 10 A                                                 |
| <b>EMC</b>                                              |                                                      |
| <b>Emission of radio interference acc. to EN 55 011</b> |                                                      |
| • Limit class B, for use in residential areas           | Yes                                                  |
| <b>Degree and class of protection</b>                   |                                                      |
| <b>Degree of protection acc. to EN 60529</b>            |                                                      |
| • IP20                                                  | Yes                                                  |
| <b>Standards, approvals, certificates</b>               |                                                      |
| CE mark                                                 | Yes                                                  |
| CSA approval                                            | Yes                                                  |
| UL approval                                             | Yes                                                  |
| FM approval                                             | Yes                                                  |

|                                        |     |
|----------------------------------------|-----|
| developed in accordance with IEC 61131 | Yes |
| according to VDE 0631                  | Yes |
| Marine approval                        | Yes |

#### Ambient conditions

|                                      |       |
|--------------------------------------|-------|
| Ambient temperature during operation |       |
| • min.                               | 0 °C  |
| • max.                               | 55 °C |

#### Dimensions

|        |       |
|--------|-------|
| Width  | 72 mm |
| Height | 90 mm |
| Depth  | 55 mm |

**last modified:** 08/12/2017