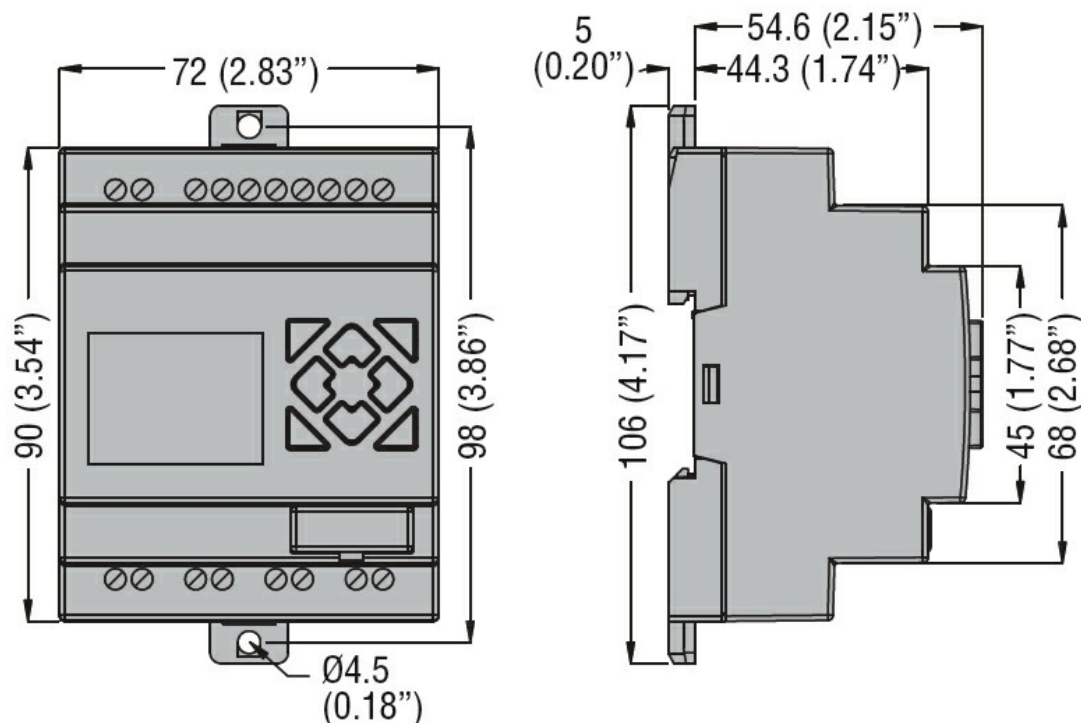




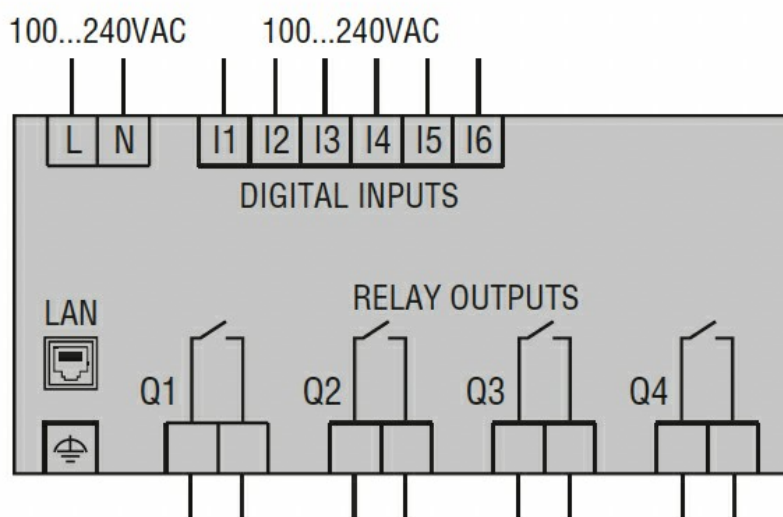
| Power supply                    |  |                                      |                                                   |      |
|---------------------------------|--|--------------------------------------|---------------------------------------------------|------|
| Rated auxil. supply voltage     |  |                                      | 100...240VAC                                      |      |
| Operating voltage range         |  |                                      | 85...265VAC                                       |      |
| Rated frequency                 |  | Hz                                   | 50/60                                             |      |
| Operating frequency range       |  | Hz                                   | 47...63                                           |      |
| Avarage current consumption     |  | mA                                   | 90                                                |      |
| Digital inputs                  |  |                                      |                                                   |      |
| Number of digital input         |  | Nr.                                  | 6                                                 |      |
| Rated voltage                   |  | V                                    | 100-240VAC<br>(50/60Hz)                           |      |
| Input signals                   |  | State 0 (OFF)                        | <40VAC                                            |      |
|                                 |  | State 1 (ON)                         | >79VAC                                            |      |
| Response time                   |  | 0 to 1 (OFF-ON)                      | 50/45ms<br>(Ue=120VAC);<br>22/18ms<br>(Ue=240VAC) |      |
|                                 |  | 1 to 0 (ON-OFF)                      | 50/45ms (Ue=120VAC);<br>90/85ms (Ue=240VAC)       |      |
| Digital outputs                 |  |                                      |                                                   |      |
| Number of digital output        |  | Nr.                                  | 4                                                 |      |
| type                            |  | Relay                                |                                                   |      |
| System resources                |  |                                      |                                                   |      |
| Display                         |  | LCD display, 4 lines x 16 characters |                                                   |      |
| Real Time Clock                 |  | Yes                                  |                                                   |      |
| Communications                  |  |                                      |                                                   |      |
| Type of communication port      |  | Ethernet                             |                                                   |      |
| Connections                     |  |                                      |                                                   |      |
| Terminals type                  |  | Screw                                |                                                   |      |
| Tightening torque for terminals |  | max                                  | Nm                                                | 0.8  |
|                                 |  |                                      |                                                   |      |
| Conductor section               |  | AWG/Kcmil                            |                                                   |      |
|                                 |  | min                                  | 26                                                |      |
|                                 |  | max                                  | 14                                                |      |
| IEC                             |  | min                                  | mm <sup>2</sup>                                   | 0.14 |
|                                 |  | max                                  | mm <sup>2</sup>                                   | 2.5  |
| Ambient conditions              |  |                                      |                                                   |      |
| Temperature                     |  | Operating temperature                |                                                   |      |

|                        |     |    |                                         |
|------------------------|-----|----|-----------------------------------------|
|                        | min | °C | -20                                     |
|                        | max | °C | 50                                      |
| Storage temperature    |     |    |                                         |
|                        | min | °C | -40                                     |
|                        | max | °C | +70                                     |
| Relative humidity      |     | %  | 20...90% without condensation           |
| Housing                |     |    |                                         |
| Mounting               |     |    | 35mm DIN rail or screw fixing (M4x20mm) |
| Degree of protection   |     |    | IP20                                    |
| Dimensions (W x H x D) | mm  |    | 72 x 106 x 59.6                         |
| Weight                 | g   |    | 240                                     |

### Dimensions



### Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN/BS 61131-2

### ETIM classification

ETIM 8.0

EC001417 -  
Logic module