



Starter kit  
complete with  
LRD12RA024  
base module,  
LRXSW software  
and LRXC03  
cable  
LRDKIT12RA024  
24VAC  
Nr. 8 digital  
Nr. 4 relay  
12 (8 inputs + 4  
outputs) up to 36  
with LRE  
modules

Product designation

Product type designation

Auxiliary supply voltage

Number of inputs

Number of outputs

Max I/O number

#### Power supply

|                             |    |                |
|-----------------------------|----|----------------|
| Rated auxil. supply voltage |    | 24VAC          |
| Operating voltage range     |    | 20.4...28.8VAC |
| Operating frequency range   | Hz | 47...63        |
| Average current consumption | mA | 290            |
| Power consumption Max       | W  | 7              |

#### Digital inputs

|                         |                               |                 |
|-------------------------|-------------------------------|-----------------|
| Number of digital input | Nr.                           | 8               |
| Rated voltage           | V                             | 24VAC (50/60Hz) |
| Input signals           | State 0 (OFF)<br>State 1 (ON) | <6VAC<br>>14VAC |

Response time

|                 |      |
|-----------------|------|
| 0 to 1 (OFF-ON) | 90ms |
| 1 to 0 (ON-OFF) | 90ms |

#### Digital outputs

|                          |     |       |
|--------------------------|-----|-------|
| Number of digital output | Nr. | 4     |
| type                     |     | Relay |

#### System resources

|         |  |
|---------|--|
| Display | LCD display, 4<br>lines x 16<br>characters |
|---------|--|

#### Connections

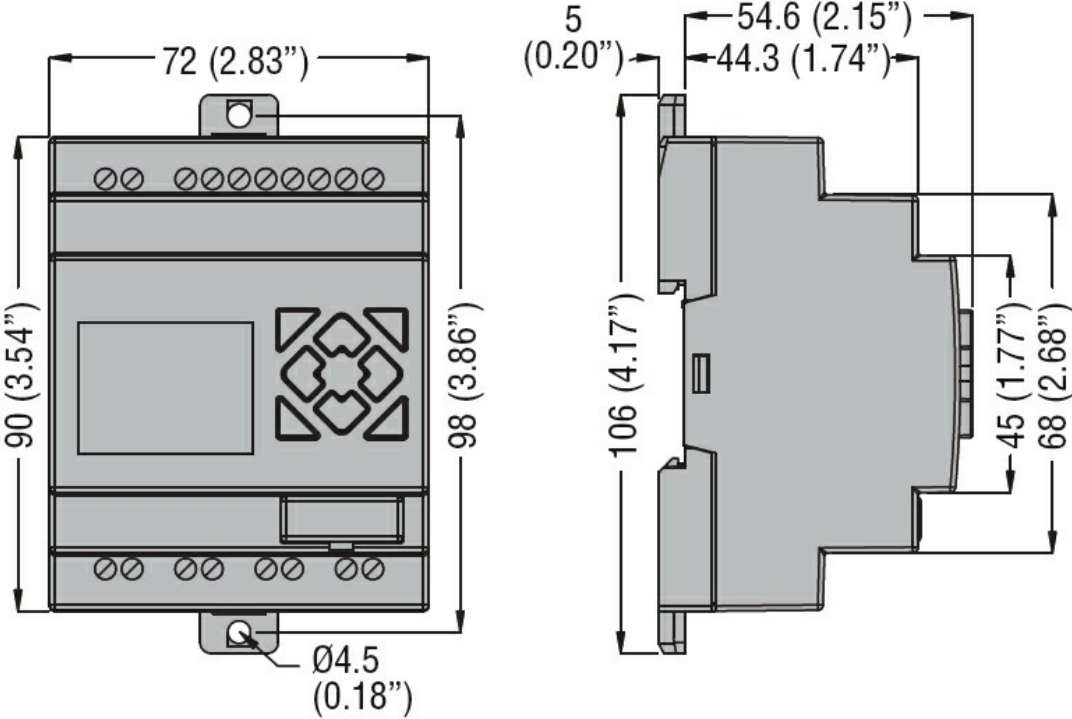
|                                 |                            |
|---------------------------------|----------------------------|
| Terminals type                  | Screw                      |
| Tightening torque for terminals | max Nm 0.6<br>Max lbft 0.4 |

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                                      | +55                           |
| 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                                       | 424                           |
| Dimensions             |     |   |                               |



|                               |  |
|-------------------------------|--|
| Certifications and compliance |  |
| Compliance                    |  |
| CSA C22.2 n° 142              |  |
| IEC/EN 61131-2                |  |
| UL508                         |  |
| Certificates                  |  |
| cULus                         |  |
| EAC                           |  |

|                     |                           |
|---------------------|---------------------------|
| ETIM classification |                           |
| ETIM 8.0            | EC002581 - PLC device set |