

## XPSECME5131C

module XPSECME - increasing safety contacts - 24 V AC/DC



### Main

|                               |                                                                                                                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product              | Preventa Safety automation                                                                                                                                                                                 |
| Product or component type     | Preventa safety module                                                                                                                                                                                     |
| Safety module name            | XPSECME                                                                                                                                                                                                    |
| Safety module application     | Increasing the number of safety contacts                                                                                                                                                                   |
| Function of module            | Increasing the number of safety contacts                                                                                                                                                                   |
| Safety level                  | Can reach PL e/category 4 conforming to EN/ISO 13849-1 can reach the maximum safety level of module base<br>Can reach SILCL 3 conforming to EN/IEC 62061 can reach the maximum safety level of module base |
| Safety reliability data       | MTTFd = 100 years conforming to EN/ISO 13849-1<br>DC = 60...90 % conforming to EN/ISO 13849-1<br>PFHd = 2E-7 1/h conforming to EN/IEC 62061                                                                |
| Output type                   | Relay 4 NO, volt-free                                                                                                                                                                                      |
| [Us] rated supply voltage     | 24 V AC/DC (- 15...10 %)                                                                                                                                                                                   |
| Number of additional circuits | 3 NC                                                                                                                                                                                                       |

### Complementary

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supply frequency                            | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Power consumption in VA                     | <= 5 VA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Input protection type                       | Internal, electronic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Breaking capacity                           | B300 : holding 360 VA AC-15 for relay output<br>B300 : inrush 3600 VA AC-15 for relay output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Breaking capacity                           | 1.5 A / 24 V - L/R = 50 ms, DC-13 for relay output<br>20 mA / 24 V for solid state output circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Output thermal current                      | 6 A per relay for relay output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [Ith] conventional free air thermal current | < 12 A for relay output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Associated fuse rating                      | 6 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Minimum output current                      | 10 mA for relay output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Minimum output voltage                      | 17 V for relay output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Response time on input open                 | <= 20 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| [Ui] rated insulation voltage               | 300 V, degree of pollution 2 conforming to EN/IEC 60947-5-1, DIN VDE 0110 parts 1 & 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| [Uimp] rated impulse withstand voltage      | 4 kV overvoltage category III, conforming to EN/IEC 60947-5-1, DIN VDE 0110 parts 1 & 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Local signalling                            | 2 LEDs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Connections - terminals                     | Spring terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> solid cable without cable end<br>Spring terminals, removable terminal block, clamping capacity: 1 x 0.2...1 x 2.5 mm <sup>2</sup> flexible cable without cable end<br>Spring terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible cable with cable end, without bezel<br>Spring terminals, removable terminal block, clamping capacity: 1 x 0.25...1 x 2.5 mm <sup>2</sup> flexible cable with cable end, with bezel<br>Spring terminals, removable terminal block, clamping capacity: 2 x 0.5...2 x 1 mm <sup>2</sup> flexible cable with cable end, with double bezel |
| Mounting support                            | 35 mm symmetrical DIN rail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product weight                              | 0.27 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### Environment

|           |                                    |
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| standards | EN/IEC 60204-1<br>EN/IEC 60947-5-1 |
|-----------|------------------------------------|

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|                                       |                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| product certifications                | BG<br>CSA<br>UL                                                                            |
| IP degree of protection               | IP20 (terminals) conforming to EN/IEC 60529<br>IP40 (enclosure) conforming to EN/IEC 60529 |
| ambient air temperature for operation | -25...55 °C                                                                                |
| ambient air temperature for storage   | -25...75 °C                                                                                |

### Contractual warranty

|                 |           |
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| Warranty period | 18 months |
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### Dimensions

