



CCB Basic PN Cabinet connection box for Mobile Panel/Client Customer-specific

| General information  |                           |
|--|---------------------------|
| Product type designation                                   | PN Basic connection box   |
| FH technology  |                           |
| Safety evaluation through direct wiring                    |                           |
| • Reconnection without emergency stop circuit interruption | No                        |
| • Reconnection with emergency stop circuit interruption    | Yes                       |
| • Monitoring the STOP button                               | No                        |
| Safety evaluation via PROFIsafe                            |                           |
| • Reconnection without emergency stop circuit interruption | No                        |
| • Reconnection with emergency stop circuit interruption    | No                        |
| • Monitoring the STOP button                               | No                        |
| • Monitoring of emergency stop button                      | No                        |
| • Monitoring of acknowledgement button                     | No                        |
| Installation type/mounting                                 |                           |
| Wall mounting/direct mounting                              | No                        |
| Control cabinet installation                               | Yes                       |
| Supply voltage   |                           |
| Type of supply voltage                                     | DC                        |
| Rated value (DC)   | 24 V                      |
| permissible range, lower limit (DC)                        | 20.4 V                    |
| permissible range, upper limit (DC)                        | 28.8 V                    |
| Input current  |                           |
| Current consumption (rated value)                          | 0.4 A                     |
| Power  |                           |
| Active power input, typ.                                   | 10 W                      |
| Interfaces   |                           |
| Number of industrial Ethernet interfaces                   | 1; Ethernet, 1 port, RJ45 |
| Connection point identification                            | Yes                       |
| EMC  |                           |
| Emission of radio interference acc. to EN 55 011           |                           |
| • Limit class A, for use in industrial areas               | Yes                       |
| • Limit class B, for use in residential areas              | No                        |
| Degree and class of protection                             |                           |
| IP degree of protection                                    | IP65                      |
| Standards, approvals, certificates                         |                           |
| CE mark  | Yes                       |
| CSA approval   | No                        |
| UL approval  | No                        |

|   |                          |                       |
|---|--------------------------|-----------------------|
| cULus   | Yes                      |                       |
| FM approval   | No                       |                       |
| RCM (formerly C-TICK)                                 | Yes                      |                       |
| KC approval   | Yes                      |                       |
| EAC (formerly Gost-R)                                 | Yes                      |                       |
| CCC   | No                       |                       |
| Suitable for safety functions                         | Yes                      |                       |
| <b>Highest safety class achievable in safety mode</b> |                          |                       |
| • Performance level according to ISO 13849-1          | PLe                      |                       |
| • SIL acc. to IEC 61508                               | SIL 3                    |                       |
| <b>Use in hazardous areas</b>                         |                          |                       |
| • ATEX Zone 2   | No                       |                       |
| • ATEX Zone 22  | No                       |                       |
| • IECEx Zone 2  | No                       |                       |
| • IECEx Zone 22                                       | No                       |                       |
| • cULus Class I Zone 1                                | No                       |                       |
| • cULus Class I Zone 2, Division 2                    | No                       |                       |
| • cULus Class II Division 2                           | No                       |                       |
| • FM Class I Division 2                               | No                       |                       |
| • FM Class II Division 2                              | No                       |                       |
| <b>Ambient conditions</b>                             |                          |                       |
| <b>Ambient temperature during operation</b>           |                          |                       |
| • min.  | 5 °C                     |                       |
| • max.  | 55 °C                    |                       |
| <b>Relative humidity</b>                              |                          |                       |
| • Operation, max.                                     | 85 %                     |                       |
| <b>Mechanics/material</b>                             |                          |                       |
| <b>Enclosure material (front)</b>                     |                          |                       |
| • Plastic   | No                       |                       |
| • Aluminum  | No                       |                       |
| • Stainless steel                                     | Yes                      |                       |
| <b>Dimensions</b>                                     |                          |                       |
| Width of the housing front                            | 59.8 mm                  |                       |
| Height of housing front                               | 77.4 mm                  |                       |
| mounting depth  | 93 mm                    |                       |
| <b>Classifications</b>                                |                          |                       |
|   | <b>Version</b>           | <b>Classification</b> |
| eClass  | 14                       | 27-33-02-92           |
| eClass  | 12                       | 27-33-02-92           |
| eClass  | 9.1                      | 27-33-02-92           |
| eClass  | 9                        | 27-33-02-92           |
| eClass  | 8                        | 27-24-92-03           |
| eClass  | 7.1                      | 27-24-92-03           |
| eClass  | 6                        | 27-24-92-03           |
| ETIM  | 10                       | EC002584              |
| ETIM  | 9                        | EC002584              |
| ETIM  | 8                        | EC002584              |
| ETIM  | 7                        | EC002584              |
| IDEA  | 4                        | 3552                  |
| UNSPSC  | 15                       | 32-15-17-03           |
| <b>Approvals / Certificates</b>                       |                          |                       |
| <b>General Product Approval</b>                       | <b>Functional Safety</b> |                       |

[Manufacturer Declaration](#)



[China RoHS](#)

[Type Examination Certificate](#)

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last modified:

3/12/2024 