SIEMENS

## Data sheet 6AV6675-5XG00-0AX0



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 |


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| | |
|---|---|
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| EAC (formerly Gost-R) | Yes |
| CCC | No |
| Suitable for safety functions | Yes |
| Highest safety class achievable in safety mode | |
| ● Performance level according to ISO 13849-1 | PLe |
| ● SIL acc. to IEC 61508 | SIL 3 |
| Use in hazardous areas | |
| ● 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 |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | 5 °C |
| ● max. | 55 °C |
| Relative humidity | |
| ● Operation, max. | 85 % |
| **Mechanics/material** | |
| Enclosure material (front) | |
| ● Plastic | No |
| ● Aluminum | No |
| ● Stainless steel | Yes |
| **Dimensions** | |
| Width of the housing front | 59.8 mm |
| Height of housing front | 77.4 mm |
| Overall depth | 93 mm |

**Classifications**

| | Version | Classification |
|---|---|---|
| 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 |

**Approvals / Certificates**

| General Product Approval | Functional Saftey |
|---|---|
| Manufacturer Declaration | Type Examination Certificate |

EG-Konf.

RCM

**last modified:** 3/12/2024


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