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
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

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● 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
mounting depth	93 mm

Classifications

	Version	Classification
eClass	16	27-33-02-92
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	CE EG-Konf.	RCM	China RoHS	Type Examination Certificate

last modified: 3/12/2024

Subject to change without notice
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