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
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
Other	
Usable in the following products	
Product 1	6AV6645-0BA01-0AX0

last modified:

3/15/2022