

Connection box PN plus for Mobile Panels (PROFINET)



General information	
Product function	
• Location identifier	Yes
FH technology	
Safety evaluation through direct wiring	
• Reconnection without emergency stop circuit interruption	Yes
• Monitoring the STOP button	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)	0.5 A
Power	
Active power input, typ.	12 W
Interfaces	
Interfaces/bus type	2x Fast Ethernet
Number of industrial Ethernet interfaces	2; RJ45 not for interface boxes of mobile panels
Connection point identification	Yes
Degree and class of protection	
IP degree of protection	IP65
Standards, approvals, certificates	
CE mark	Yes
CSA approval	No
UL approval	No
cULus	Yes
RCM (formerly C-TICK)	Yes
EAC (formerly Gost-R)	No
Marine approval	No
Use in hazardous areas	
• ATEX Zone 2	No
• ATEX Zone 22	No
• FM Class I Division 2	No
Ambient conditions	
Ambient temperature during operation	
Operation (vertical installation)	
— For vertical installation, min.	0 °C
— For vertical installation, max.	50 °C
Ambient temperature during storage/transportation	

• min.	-20 °C
• max.	70 °C
Relative humidity	
• Operation, max.	85 %
Dimensions	
Width	230 mm
Height	120 mm
Depth	80 mm
Weights	
Weight (without packaging)	0.5 kg
Other	
free hotline	Yes
Usable in the following products	
• Product 1	6AV6645-0BA01-0AX0
• Product 2	6AV6645-0BB01-0AX0
• Product 3	6AV6645-0BC01-0AX0
• Product 4	6AV6645-0BE02-0AX0
• Product 5	6AV6645-0C*

last modified: 9/11/2023 