

CONNECTIVITY BOX DP PLUS FOR MOBILE PANELS
(MPI/PROFIBUS)



Figure similar

General information	
Product type designation	DP connection box for Mobile Panel 177/277 (MPI/PROFIBUS) Plus
Control elements	
Expansions for operator control of the process	
• Hot swapping	without emergency stop circuit interruption
• Monitoring the STOP button	Yes
• Location identifier	Yes
Supply voltage	
Type of supply voltage	24 V 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	1 x RS232, 1 x RS422, 1 x RS485 (max. 12 Mbit/s)
Number of RS 485 interfaces	1
Number of RS 422 interfaces	1
Number of RS 232 interfaces	1
Number of 20 mA interfaces (TTY)	0
Degree and class of protection	
Degree of protection acc. to EN 60529	IP65
Standards, approvals, certificates	
Certifications	CE, cULus, C-TICK
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)	0 to +50 °C
— 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 %
Functionality under WinCC (TIA Portal)	
Applications/options	
• Connection point identification	Yes
Dimensions	
Width	160 mm
Height	120 mm
Depth	70 mm
Weights	

Weight (without packaging)	0.4 kg
Other	
free hotline	Yes
Warranty period	1 y
Usable in the following products	
• Product 1	6AV6645-0A*
• Product 2	6AV6645-0C*
• Product 3	6AV6645-0BE02-0AX0
last modified:	08/12/2017