

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



Figure similar

Control elements	
Expansions for operator control of the process	
• Hot swapping	with emergency stop circuit interruption
• Monitoring the STOP button	No
• 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)	0.4 A
Power	
Active power input, typ.	10 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	
Enclosure according 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	
• Marine approval	No

Use in hazardous areas	
• FM Class I Division 2	No
• EX zone 2	No
• EX zone 22	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)	0.35 kg

Other	
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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:	04/27/2017