

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



Figure similar

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	
Power consumption, 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 20 mA interfaces (TTY)	0
Number of RS 232 interfaces	1
Number of RS 422 interfaces	1

Degree and class of protection

Enclosure according to EN 60529	IP65
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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

• Germanischer Lloyd (GL)	No
• American Bureau of Shipping (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Lloyds Register of Shipping (LRS)	No
• Polski Rejestr Statkow (PRS)	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 %
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Functionality under WinCC (TIA Portal)

Applications/options

• Connection point identification	Yes
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Dimensions

Width	160 mm
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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
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