

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



Control elements

Expansions for operator control of the process

Hot swapping	without emergency stop circuit interruption
without emergency stop circuit interruption	Yes
with emergency stop circuit interruption	No
Monitoring the STOP button	Yes
Location identifier	Yes

Supply voltage

Type of supply voltage	DC
AC	No
DC	Yes
Rated value (DC)	24 V
permissible range	+20.4 V to +28.8 V DC
minimum	20.4 V
maximum	28.8 V
Supply voltage	24 V DC

Input current

Rated current	0.5 A
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Power

Power	12 W
Interfaces	
Interfaces	1 x RS232, 1 x RS422, 1 x RS485 (max. 12 Mbit/s)
Number of 20 mA interfaces (TTY)	0
Number of RS 232 interfaces	1
Number of RS 422 interfaces	1
Degree and class of protection	
NEMA 4	No
NEMA 4X	No
NEMA 12	No
Enclosure according to EN 60529	IP65
IP20 housing	No
IP54 housing	No
IP65 enclosure	Yes
Standards, approvals, certificates	
Certifications	CE, cULus, C-TICK
CE mark	Yes
CSA approval	No
UL	No
cULus	Yes
RCM (former C-TICK)	Yes
EAC (former 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	
EX zone 2	No
EX zone 22	No
FM Class I Division 2	No
Ambient conditions	
Operating temperature	
Operation (vertical installation)	0 °C to +50 °C
in vertical mounting position, minimum	0 °C
in vertical mounting position, maximum	50 °C

Storage/transport temperature	
Ambient temperature during storage, minimum	-20 °C
Ambient temperature during storage, maximal	70 °C
Transport, storage	-20 °C to +70 °C
Relative humidity	
Operation, max.	85 %
Functionality under WinCC (TIA Portal)	
Applications/options	
Connection point identification	Yes
Dimensions	
Housing diameter/depth (mm)	
Width	160 mm
Height	120 mm
Depth	70 mm
Weights	
Weight (without packaging)	0.4 kg
Other	
free hotline	Yes
Warranty period	1 a
Usable in the following products	
Product 1	6AV6645-0A*
Product 2	6AV6645-0C*
Product 3	6AV6645-0BE02-0AX0
Status	Jul 21, 2014