

Connection box DP plus for Mobile Panels (MPI/PROFIBUS)



General information	
Product function	
<ul style="list-style-type: none"> <li>Location identifier</li> </ul>	Yes
FH technology	
Safety evaluation through direct wiring	
<ul style="list-style-type: none"> <li>Reconnection without emergency stop circuit interruption</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Monitoring the STOP button</li> </ul>	Yes
Supply voltage	
Type of supply voltage	24 V DC
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	1x RS 232, 1x RS 422, 1x RS 485 (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
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	
<ul style="list-style-type: none"> <li>ATEX Zone 2</li> <li>ATEX Zone 22</li> <li>FM Class I Division 2</li> </ul>	No No 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	160 mm
Height	120 mm
Depth	70 mm
Weights	
Weight (without packaging)	0.4 kg
Other	
free hotline	Yes
Usable in the following products	
• Product 1	6AV6645-0A*
• Product 2	6AV6645-0C*
• Product 3	<a href="#">6AV6645-0BE02-0AX0</a>
<b>last modified:</b>	3/26/2021 