

Extension unit 22" PROFINET for mounting on all fully IP65-enclosed 16:9 HMI/IPC devices. For the flexible installation of operator controls, 12 mounting positions, max. 12 operator controls can be equipped; Connection via PROFINET (without equipment)



General information	
Product type designation	Extension Unit 22" PROFINET
Control elements	
With parameterizable keys	Yes
Connection type	
<ul style="list-style-type: none"> <li>Connection type of the safety-related contacts (emergency stop)</li> </ul>	8-pin connector
Installation type/mounting	
Mounting	For mounting on a 16:9 HMI / IPC PRO device (lower part)
Mounting type	Screwed joint
Rack mounting	No
Front mounting	No
Number of slots for command devices and signaling units	12
RFID reader can be installed	Yes; SIMATIC RF200 Access Control Reader RF1060R
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption (rated value)	150 mA; without load
Power	
Active power input, typ.	3 W; Additionally 0.1 W per control element with LED
Interfaces	
Number of industrial Ethernet interfaces	2; For the construction of lines and rings without external switch
Number of PROFINET interfaces	2; Incl. switch
Protocols	
PROFINET	Yes
Redundancy mode	
Media redundancy	
— MRP	Yes
Test commissioning functions	
Key and signal lamp test	Yes; automatically when switching on
Degree and class of protection	
IP (all-round)	IP65
NEMA (front)	
<ul style="list-style-type: none"> <li>Enclosure Type 4x at the front</li> </ul>	Yes; All-round
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes

cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Suitable for safety functions	Yes; e.g. installation of emergency stop
<b>Ambient conditions</b>	
Ambient temperature during operation	
• min.	0 °C
• max.	50 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	2 000 m
Relative humidity	
• Operation, max.	90 %; no condensation
<b>Cables</b>	
Cable length	30 m; Max. for emergency stop
<b>Mechanics/material</b>	
Material	
• Aluminum	Yes
Enclosure material (front)	
• Aluminum	Yes; Knockout covered with black film
<b>Dimensions</b>	
Width	527 mm
Height	99 mm
Depth	100.65 mm
<b>Weights</b>	
Weight (without packaging)	2.8 kg
<b>Scope of supply</b>	
Delivery quantity in pieces	1
Components included	Power supply connectors and 8-pole plug-in connectors for safety-related inputs

**last modified:** 4/21/2021 