

Extension unit 22" PROFINET compatible with all IP65 fully enclosed 16:9 HMI/IPC devices. flexible configuration of control elements 12 mounting positions, 12 control elements can be installed; PROFINET connection (control elements ordered separately)



General information

Product type designation	Extension Unit 22" PROFINET
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Control elements

With parameterizable keys	Yes
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Connection type

<ul style="list-style-type: none"> • Connection type of the safety-related contacts (emergency stop) 	8-pin connector
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Installation type/mounting

Mounting	For mounting on a 16:9 HMI / IPC PRO device (lower part)
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Mounting type	Screwed joint
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Rack mounting	No
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Front mounting	No
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Number of slots for command devices and signaling units	12
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RFID reader can be installed	Yes; SIMATIC RF200 Access Control Reader RF1060R
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Supply voltage

Type of supply voltage	DC
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Rated value (DC)	24 V
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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
MRP	Yes
Test commissioning functions	
Key and signal lamp test	Yes; Automatically when switching on
Degree and class of protection	
IP65 (all-round)	Yes
Enclosure Type 4x at the front	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
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	50 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Air pressure acc. to IEC 60068-2-13	
• Installation altitude above sea level, max.	2 000 m
Relative humidity	
• Operation, max.	90 %; no condensation
Cables	
Cable length	30 m; Max. for emergency stop
Mechanics/material	
Material	

• Aluminum	Yes
Enclosure material (front)	
• Aluminum	Yes; Knockout covered with black film

Dimensions

Width	527 mm
Height	99 mm
Depth	100.65 mm

Weights

Weight without packaging	2.8 kg
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Scope of supply

Delivery quantity in pieces	1
Components included	Power supply connectors and 8-pole plug-in connectors for safety-related inputs

last modified: 10/13/2017