

Extension Unit 12" PROFISAFE compatible with all IP65 fully enclosed 16:9 HMI/IPC devices. flexible configuration of control elements; 6 mounting positions; 6 control elements can be installed; PROFISAFE connection (control elements ordered separately)

General information

Product type designation	Extension Unit 12" PROFIsafe
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Control elements

With parameterizable keys	Yes
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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	6
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
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Power

Active power input, typ.	3 W; Additionally 0.1 W per control element with LED
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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

MRP	Yes
PROFIsafe	Yes; 1x SIL 2 (two-channel) or 2x SIL 3 (single-channel) emergency stop sensor

Test commissioning functions

Key and signal lamp test	Yes; Automatically when switching on
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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

Mechanics/material

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

Dimensions

Width	313 mm
Height	99 mm
Depth	100.65 mm

Weights

Weight without packaging	2.2 kg
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Scope of supply

Delivery quantity in pieces	1
Components included	Power supply connector

last modified: 10/13/2017