

Extension Unit 22" PROFISAFE 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; PROFISAFE connection (control elements ordered separately)

General information

Product type designation	Extension Unit 22" 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	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
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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

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

last modified: 10/13/2017