

Extension unit 19" PROFINET for mounting on all fully IP65-enclosed 16:9 HMI/IPC devices. For the flexible installation of operator controls, 10 mounting positions, max. 10 operator controls can be equipped; Connection via PROFINET (without equipment)



General information

Product type designation	Extension Unit 19" PROFINET
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Control elements

With parameterizable keys	Yes
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Connection type

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| <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	10
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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
Redundancy mode	
Media redundancy	
— MRP	Yes
Test commissioning functions	
Key and signal lamp test	Yes; automatically when switching on
Degree and class of protection	
IP65 (all-round)	Yes
NEMA (front)	
• 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
Altitude during operation relating to sea level	
• 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	Yes
• Aluminum	
Enclosure material (front)	Yes; Knockout covered with black film
• Aluminum	
Dimensions	
Width	462 mm
Height	99 mm
Depth	100.65 mm
Weights	
Weight without packaging	2.7 kg
Scope of supply	
Delivery quantity in pieces	1
Components included	Power supply connectors and 8-pole plug-in connectors for safety-related inputs
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