

Extension Unit 24" PROFI-safe for mounting on all fully IP65-enclosed 16:9 HMI/IPC devices. For the flexible installation of operator controls, 12 mounting positions, 12 operator controls equippable; connection via PROFI-safe, (without equipment)




Figure similar

General information	
Product type designation	Extension Unit 24" PROFI-safe
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	
PROFI-safe	Yes; 1x SIL 2 (two-channel) or 2x SIL 3 (single-channel) emergency stop sensor
Redundancy mode	
Media redundancy	
— MRP	Yes
Degree and class of protection	
IP (all-round)	IP65
NEMA (front)	
• Enclosure Type 4 at the front	Yes
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
Mechanics/material	
Material	
• Aluminum	Yes
Enclosure material (front)	
• Aluminum	Yes; Knockout covered with black film
Dimensions	
Width	583 mm
Height	99 mm
Depth	100.65 mm
Weights	
Weight (without packaging)	2.6 kg
Scope of supply	
Delivery quantity in pieces	1
Components included	Power supply connector

Classifications			
		Version	Classification
	eClass	14	27-33-02-92
	eClass	12	27-33-02-92
	eClass	9.1	27-33-02-92
	eClass	9	27-33-02-92
	eClass	8	27-24-92-03
	eClass	7.1	27-24-92-03
	eClass	6	27-24-92-03
	ETIM	10	EC002584
	ETIM	9	EC002584
	ETIM	8	EC002584
	ETIM	7	EC002584
	IDEA	4	3552
	UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval	Functional Safety
   	TUEV Type Examination Certificate

Further information

Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: 40466415
<https://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&lc=en-WW>

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