SIEMENS

Data sheet



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	
Control elements		
With parameterizable keys	Yes	
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	
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		
PROFIsafe	Yes; 1x SIL 2 (two-channel) or 2x SIL 3 (single-channel) emergency stop sensor	
Redundancy mode		
Media redundancy		
— MRP	Yes	
Test commissioning functions		
Key and signal lamp test	Yes; automatically when switching on	
Degree and class of protection		
IP (all-round)	IP65	
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
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
Scope of supply	
Delivery quantity in pieces	1
Components included	Power supply connector

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last modified: