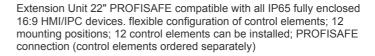
Data sheet





General information		
Product type designation	Extension Unit 22" 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	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		
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	
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	

Suitable for safety functions Ambient conditions Ambient temperature during operation • min. • max. 50 °C Ambient temperature during storage/transportation • min. • max. 60 °C Altitude during operation relating to sea level • Installation altitude above sea level, max. Relative humidity • Operation, max. Mechanics/material Material • Aluminum Penclosure material (front) • Aluminum Pimensions Width Height Dimensions Width Height Depth Weights Weight (without packaging) Scope of supply Delivery quantity in pieces 1 0 °C C C C C C C C C C C C C	KC approval	Yes
Ambient conditions Ambient temperature during operation • min. • max. 50 °C Ambient temperature during storage/transportation • min. • max. 60 °C Altitude during operation relating to sea level • Installation altitude above sea level, max. Altitude during operation relating to sea level • Installation altitude above sea level, max. Relative humidity • Operation, max. Mechanics/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 Scope of supply Delivery quantity in pieces 1		
Ambient temperature during operation • min. • max. 50 °C Ambient temperature during storage/transportation • min. • 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 Dimensions Width 527 mm Height 99 mm Depth 100.65 mm Weights Weight (without packaging) 2.8 kg Scope of supply Delivery quantity in pieces 1		. co, o.g. motamation of orner gone, occp
 min. 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. Mochanics/material Aluminum Yes Enclosure material (front) Aluminum Yes; Knockout covered with black film Dimensions Width 527 mm Height 99 mm Depth 100.65 mm Weight (without packaging) 2.8 kg Scope of supply Delivery quantity in pieces 1 		
Ambient temperature during storage/transportation • min. • max. • 60 °C Altitude during operation relating to sea level • Installation altitude above sea level, max. Relative humidity • Operation, max. 90 %; no condensation Mechanics/material Material • Aluminum Yes Enclosure material (front) • Aluminum Vies; Knockout covered with black film Dimensions Width 527 mm Height 99 mm Depth 100.65 mm Weights Weight (without packaging) 2.8 kg Scope of supply Delivery quantity in pieces 1	· · · · · · · · · · · · · · · · · · ·	0 °C
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 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. Mochanics/material Aluminum Finclosure material (front) Aluminum Yes; Knockout covered with black film Dimensions Width Eight 99 mm Depth 100.65 mm Weights Scope of supply Delivery quantity in pieces 1 	Ambient temperature during storage/transportation	
Altitude during operation relating to sea level Installation altitude above sea level, max. Relative humidity Operation, max. Material Aluminum Inclosure material (front) Aluminum Pimensions Width Height Depth Depth Weights Weight (without packaging) Delivery quantity in pieces 2 000 m 3 000 m 4 000 monotones 1 00.65 mm	·	-20 °C
● Installation altitude above sea level, max. Relative humidity ● Operation, max. 90 %; no condensation Mechanics/material Material ● Aluminum	• max.	60 °C
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 Scope of supply Delivery quantity in pieces 1	Altitude during operation relating to sea level	
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 90 mm Depth 100.65 mm Weights Weight (without packaging) Z.8 kg Scope of supply Delivery quantity in pieces 1	 Installation altitude above sea level, max. 	2 000 m
Mechanics/material Material Yes Enclosure material (front) Yes; Knockout covered with black film Dimensions Yes Width 527 mm Height 99 mm Depth 100.65 mm Weights Weight (without packaging) 2.8 kg Scope of supply Delivery quantity in pieces 1	Relative humidity	
Material	 Operation, max. 	90 %; no condensation
● Aluminum 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) Scope of supply Delivery quantity in pieces 1	Mechanics/material	
Enclosure material (front)	Material	
● Aluminum Pimensions Width 527 mm Height 99 mm Depth 100.65 mm Weights Weight (without packaging) Scope of supply Delivery quantity in pieces Yes; Knockout covered with black film 100.65 mm 2.8 kg	Aluminum	Yes
Dimensions Width 527 mm Height 99 mm Depth 100.65 mm Weights Weight (without packaging) Scope of supply 2.8 kg Delivery quantity in pieces 1	Enclosure material (front)	
Width 527 mm Height 99 mm Depth 100.65 mm Weights Weight (without packaging) 2.8 kg Scope of supply Delivery quantity in pieces 1	 Aluminum 	Yes; Knockout covered with black film
Height 99 mm Depth 100.65 mm Weights Weight (without packaging) 2.8 kg Scope of supply Delivery quantity in pieces 1	Dimensions	
Depth 100.65 mm Weights Weight (without packaging) 2.8 kg Scope of supply Delivery quantity in pieces 1	Width	527 mm
Weights Weight (without packaging) 2.8 kg Scope of supply Delivery quantity in pieces 1	Height	99 mm
Weight (without packaging) Scope of supply Delivery quantity in pieces 1	Depth	100.65 mm
Scope of supply Delivery quantity in pieces 1	Weights	
Delivery quantity in pieces 1	Weight (without packaging)	2.8 kg
	Scope of supply	
Components included Power supply connector	Delivery quantity in pieces	1
	Components included	Power supply connector

4/21/2021

last modified: