SIEMENS

Data sheet 6AV7674-1LA53-0AA0

Extension Unit 19" PROFISAFE compatible with all IP65 fully enclosed 16:9 HMI/IPC devices. flexible configuration of control elements; 10 mounting positions; 10 control elements can be installed; PROFISAFE connection (control elements ordered separately)

General information	
Product type designation	Extension Unit 19" 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	10
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
KC approval	Yes
Suitable for safety functions	Yes; e.g. installation of emergency stop

Subject to change without notice
© Copyright Modulplc

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	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 connector

Classifications

	Version	Classification
eClass	16	27-33-02-92
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

CE EG-Konf. | UKCA | Miscellaneous | UL | RCM | China RoHS

General Product Approval		For use in hazardous locations			
Miscellaneous	Manufacturer Declaration	ATEX	IECEx	FM	CCC

© Copyright Modulplc

For use in hazardous locations			Maritime application		
IECEx	Type Examination Certificate	ATEX	ABS	BUREAU VERITAS	DNV

Maritime application				Environment
LRS	NK / Nippon Kaiji Kyokai	RINA	CCS (China Classification Society)	EPD

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://www.modulplc.com/?s=6AV7674-1LA53-0AA0

last modified: 3/12/2024

© Copyright Modulplc