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Data sheet 6AV7674-1LA42-0AA0

Extension unit 15" PROFINET for mounting on all fully IP65-enclosed 16:9 HMI/IPC devices. For the flexible installation of operator controls, 8 mounting positions, 8 operator controls equippable; Connection via PROFINET (without equipment)



General information	
Product type designation	Extension Unit 15" PROFINET
Control elements	
With parameterizable keys	Yes
Connection type	
● Connection type of the safety-related contacts (emergency stop)	8-pin connector
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	8
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	
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	
IP (all-round)	IP65
NEMA (front)	
● Enclosure Type 4x at the front	Yes; All-round
Standards, approvals, certificates	
CE mark	Yes

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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	
● Aluminum	Yes
Enclosure material (front)	
● Aluminum	Yes; Knockout covered with black film
Dimensions	
Width	396 mm
Height	99 mm
Depth	100.65 mm
Weights	
Weight (without packaging)	2.5 kg
Scope of supply	
Delivery quantity in pieces	1
Components included	Power supply connectors and 8-pole plug-in connectors for safety-related inputs

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

China RoHS

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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.siemes.plc.com/?s=6AV7674-1LA42-0AA0

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