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Data sheet 6AV7674-1MG50-0AA0



Figure similar

safety pushbutton for Extension Units, safety operator control, 22 mm, round, plastic, momentary contact type, 2 closing contacts, 6 light attachments (colorless, red, yellow, green, blue, black), 2 NO contacts, without inscription, (incl. printed circuit board with contact module), scope of supply: 1 pushbutton, 1 printed circuit board, 6 light attachments, including mounting accessories

General information	
Product type designation	Safety pushbutton for Extension Unit (2 NO contacts)
Control elements	
Version of actuating element	Pushbutton with flat button
Operating principle of the actuating element	Momentary contact
Shape of actuating element	Round
Illuminant	No; Cannot be illuminated
● Color of light source	Translucent white (different colors are created using the colored disk supplied)
Contact configuration	2 NO contacts
Installation type/mounting	
Mounting type	Threaded ring
Front mounting	Yes; Front plate attachment in an Extension Unit for 16:9 PRO devices
Supply voltage	
Rated value (DC)	24 V
Input current	
Current consumption (rated value)	100 mA
EMC	
Emission of radio interference acc. to EN 55 011	
● Limit class A, for use in industrial areas	No
Degree and class of protection	
IP (at the front)	IP65 (on front) to EN60529 and NEMA4
Standards, approvals, certificates	
CE mark	Yes
UKCA mark	Yes
UL approval	Yes; Only in combination with Extension Unit
cULus	Yes; Only in combination with Extension Unit
RCM (formerly C-TICK)	Yes; Only in combination with Extension Unit
Suitable for safety functions	Yes; TÜV IEC 60947-5-x
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.	3 500 m
Relative humidity	

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● Operation, max.	90 %
● Condensation permissible	No
Mechanics/material	
Material	
● Plastic	Yes
Material of the actuating element	plastic
Material of the front ring	plastic
Enclosure color (front)	Colorless
Color of the front ring	Silver metallic
Service life	
● Number of operating cycles, keys	1 000 000
Dimensions	
Height of housing front	9.85 mm
Mounting diameter	22.3 mm
Weights	
Weight (without packaging)	50 g
Weight (with packaging)	100 g
Scope of supply	
Delivery quantity in pieces	1
Components included	
● Number of colored lenses	6; colorless, red, yellow, green, blue, black
Other	
Target devices	suitable for Extension Units of the 16:9 HMI/IPC PRO devices as of TIA Portal V16 (refer to manual)
Note:	configurable as of TIA Portal V16

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

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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