SIEMENS

Data sheet 6AV6881-2AM12-1AA0



switch enclosure KP8F for KP8F, IP65, including 1x EMERGENCY OFF and KP8 cutout, scope of supply: 1 switch enclosure, including 1 EMERGENCY STOP button, 1 set IcoTek cable sleeves

General information	
Product type designation	Fixing element
Control elements	
Version of actuating element	1x emergency stop (1 NC contact / 1 NO contact)
Operating principle of the actuating element	Latching, rotate to unlatch
With parameterizable keys	Yes; Retrofittable with KP8F (not included in the scope of supply)
Contact configuration	1 NC contact, 1 NO contact
Installation type/mounting	
Mounting	For horizontal and vertical mounting
Mounting type	Backplane mounting
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
Degree and class of protection	
IP (all-round)	IP65
Standards, approvals, certificates	
REACH	Yes
RoHS conformity	Yes; unnecessary
Use in hazardous areas	
● ATEX Zone 2	No
● ATEX Zone 22	No
● ATEX as target device	No
● IECEx Zone 1	No
● IECEx Zone 11	No
● IECEx Zone 2	No
● IECEx Zone 22	No
● cULus Class I Zone 1	No
● cULus Class I Zone 2, Division 2	No
● cULus Class II Division 2	No
● FM Class I Division 2	No
● FM Class II Division 2	No
Marine approval	
● Germanischer Lloyd (GL)	No
● American Bureau of Shipping (ABS)	No
● Bureau Veritas (BV)	No
● Det Norske Veritas (DNV)	No
● Korean Register of Shipping (KRS)	No
● Lloyds Register of Shipping (LRS)	No
● Nippon Kaiji Kyokai (Class NK)	No
● Polski Rejestr Statkow (PRS)	No

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● Chinese Classification Society (CCS)	No
● Marine approval as target device	No
Ambient conditions	
Suited for indoor use	Yes
Suited for outdoor use	No; possible under certain conditions
Ambient temperature during operation	
● min.	0 °C; Operating temperature KP8F must always be maintained
● max.	40 °C; Operating temperature KP8F must always be maintained
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	70 °C
Relative humidity	
● Operation, max.	90 %
● Condensation permissible	No; Condensation not permissible
Mechanics/material	
Material	aluminum
● aluminum	Yes; Powder-coated
Dimensions	
Width	259 mm
Height	128 mm
Depth	90 mm
Scope of supply	
Delivery quantity in pieces	1; Bopla #115234 aluminum enclosure
Components included	1x Icotek cable entry KEL-ER B4 incl. various grommets
Other	
Merchandise	Yes
Manufacturer name	Wittwer Industrielle Elektronik
Manufacturer's address	Hembacher Straße 4, 90592 Schwarzenbruck-Lindelburg, Germany
contacting the manufacturer	Email: info@wittwer.com
Target devices	Suitable for the installation of KP8, KP8F, do not exceed the maximum operating temperature of the KP!
Note:	IP65 can only be attained if a key panel and a cable entry are properly installed.

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

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.plcbin.com/?s=6AV6881-2AM12-1AA0

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