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Data sheet 6AV6881-2AM12-2AA0



Switch enclosure KP8 for IP65 KP8(F), IP65, incl. 2x 22.5 mm hole and KP8 cutout
Further information, Quantity and content: see technical data

General information	
Product type designation	Fixing element
Control elements	
Version of actuating element	Without, with 2x 22.5 mm blanking plugs
With parameterizable keys	Yes; Retrofittable with KP8 or KP8F (not included in the scope of supply)
Contact configuration	optionally retrofittable with switch, pushbutton, keyswitch, etc.
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
● Chinese Classification Society (CCS)	No
● Marine approval as target device	No

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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 KP8 or KP8F must always be maintained
● max.	40 °C; Operating temperature KP8 or 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.
Usable in the following products	
● Product 1	6AV3688-3AY36-0AX0
● Product 2	6AV3688-3AF37-0AX0

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