SIEMENS

Data sheet

6AG1688-3XY38-2AX0



SIPLUS HMI design empty front in KP8 format based on 6AV3688-3XY38-3AX0 with conformal coating, -40...+60 °C, start up -25 °C, design empty front in KP8 format for easy mounting of standard 22.5 mm operator controls, ideal for the setup of modular operator panels; also suitable for installation in extension units of the pro devices

Figure similar

General information		
Product type designation	Empty front design	
Installation type/mounting		
Mounting type	Clamp terminals	
Mounting position	any	
Rack mounting	No	
Front mounting	Yes; Compatible with Extension Units dimensions	
Rail mounting	No	
Wall mounting/direct mounting	No	
Mounting in portrait format possible	Yes	
Mounting in landscape format possible	Yes	
maximum permissible angle of inclination without external ventilation	180°; To the front/rear	
Number of slots for command devices and signaling units	5; Max. 5 possible	
Supply voltage		
Design of the power supply	external	
Interfaces		
Number of USB interfaces	0	
Test commissioning functions		
Key and signal lamp test	No	
Degree and class of protection		
IP (at the front)	IP65	
IP (rear)	IP20	
NEMA (front)		
 Enclosure Type 4 at the front 	No	
 Enclosure Type 4x at the front 	No	
Standards, approvals, certificates		
Suitable for safety functions	Yes; e.g. installation of emergency stop	
Ambient conditions		
Ambient temperature during operation		
• min.	-40 °C; = Tmin	
• max.	60 °C; = Tmax	
Operation (vertical installation)		
- For vertical installation, min.	-40 °C; = Tmin	
— For vertical installation, max.	60 °C; = Tmax	
Operation (max. tilt angle)		
— At maximum tilt angle, min.	-40 °C; = Tmin	
— At maximum tilt angle, max.	60 °C; = Tmax	
Operation (vertical installation, portrait format)		

— For vertical installation, min.	-40 °C; = Tmin
— For vertical installation, max.	60 °C; = Tmax
Operation (max. tilt angle, portrait format)	
— At maximum tilt angle, min.	-40 °C; = Tmin
— At maximum tilt angle, max.	60 °C; = Tmax
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	80 °C
Mechanics/material	
Enclosure material (front)	
Plastic	No
Aluminum	Yes
Stainless steel	No
Dimensions	
Width of the housing front	98 mm
Height of housing front	155 mm
Mounting cutout, width	68 mm; Max. thickness of mounting plate 2 - 6 mm
Mounting cutout, height	129 mm
Overall depth	49 mm
Weights	
Weight (without packaging)	240 g

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