Data sheet

SIPLUS HMI Design empty front in KP8 format -25...+60 °C with conformal coating based on 6AV3688-3x Y38-3AX0 . 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



Product type designation Control elements With parameterizable keys No Keyboard fonts Function keys Number of function keys No Installation type/mounting Mounting type Clamp terminals Mounting position Any Rack mounting Front mounting Yes; Compatible with Extension Units dimensions Rail mounting Wall mounting/direct mounting No Mounting in portrait format possible Mounting in landscape format possible maximum permissible angle of inclination without external ventilation	General information	
With parameterizable keys Keyboard fonts Function keys No Number of function keys No Installation type/mounting Mounting type Clamp terminals Mounting position Any Rack mounting Front mounting Yes; Compatible with Extension Units dimensions Rail mounting No Wall mounting/direct mounting No Mounting in portrait format possible Mounting in landscape format possible maximum permissible angle of inclination without No No No 180°; To the front/rear	Product type designation	Empty front design
Keyboard fonts • Function keys — Number of function keys 0 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 Mounting in landscape format possible maximum permissible angle of inclination without 180°; To the front/rear	Control elements	
● Function keys — Number of function keys 1	With parameterizable keys	No
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 180°; To the front/rear	Keyboard fonts	
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 Mounting in landscape format possible maximum permissible angle of inclination without 180°; To the front/rear	Function keys	
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 Tyes maximum permissible angle of inclination without 180°; To the front/rear	Number of function keys	0
Mounting position 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 maximum permissible angle of inclination without 180°; To the front/rear	Installation type/mounting	
Rack mounting 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 maximum permissible angle of inclination without 180°; To the front/rear	Mounting type	Clamp terminals
Front mounting Rail mounting No Wall mounting/direct mounting Mounting in portrait format possible Mounting in landscape format possible maximum permissible angle of inclination without Yes; Compatible with Extension Units dimensions No Yes Yes 180°; To the front/rear	Mounting position	Any
Rail mounting Wall mounting/direct mounting No Mounting in portrait format possible Yes Mounting in landscape format possible maximum permissible angle of inclination without 180°; To the front/rear	Rack mounting	No
Wall mounting/direct mounting Mounting in portrait format possible Mounting in landscape format possible Mounting in landscape format possible maximum permissible angle of inclination without 180°; To the front/rear	Front mounting	Yes; Compatible with Extension Units dimensions
Mounting in portrait format possible Mounting in landscape format possible maximum permissible angle of inclination without 180°; To the front/rear	Rail mounting	No
Mounting in landscape format possible Mounting in landscape format possible Mounting in landscape format possible Yes 180°; To the front/rear	Wall mounting/direct mounting	No
maximum permissible angle of inclination without 180°; To the front/rear	Mounting in portrait format possible	Yes
	Mounting in landscape format possible	Yes
external ventilation		180°; To the front/rear
	external ventilation	

Number of slots for command devices and signaling units	5; Max. 5 possible
Supply voltage	
Type of supply voltage	external
Type of output	
LED colors	
• red	No
• yellow	No
• green	No
• white	No
• blue	No
Interfaces	
Number of USB interfaces	0
Test commissioning functions	
Key and signal lamp test	No
EMC	
Emission of radio interference acc. to EN 55 011	
Limit class A, for use in industrial areas	No
• Limit class B, for use in residential areas	No
Degree and class of protection	
Degree and class of protection IP (at the front)	IP65
	IP65 No
IP (at the front)	
IP (at the front) Enclosure Type 4 at the front	No
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front	No No
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear)	No No
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates	No No IP20
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions	No No IP20
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions	No No IP20
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions Ambient temperature during operation	No No IP20 Yes; e.g. installation of emergency stop
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions Ambient temperature during operation • min.	No No IP20 Yes; e.g. installation of emergency stop -40 °C; = Tmin
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions Ambient temperature during operation • min. • max.	No No IP20 Yes; e.g. installation of emergency stop -40 °C; = Tmin
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions Ambient temperature during operation • min. • max. • Operation (vertical installation)	No No IP20 Yes; e.g. installation of emergency stop -40 °C; = Tmin 60 °C; = Tmax
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions Ambient temperature during operation • min. • max. • Operation (vertical installation) — For vertical installation, min.	No No IP20 Yes; e.g. installation of emergency stop -40 °C; = Tmin 60 °C; = Tmax -40 °C; = Tmin
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions Ambient temperature during operation • min. • max. • Operation (vertical installation) — For vertical installation, min. — For vertical installation, max.	No No IP20 Yes; e.g. installation of emergency stop -40 °C; = Tmin 60 °C; = Tmax -40 °C; = Tmin
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions Ambient temperature during operation • min. • max. • Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. • Operation (max. tilt angle)	No No IP20 Yes; e.g. installation of emergency stop -40 °C; = Tmin 60 °C; = Tmax -40 °C; = Tmin 60 °C; = Tmax
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions Ambient temperature during operation • min. • max. • Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. • Operation (max. tilt angle) — At maximum tilt angle, min.	No IP20 Yes; e.g. installation of emergency stop -40 °C; = Tmin 60 °C; = Tmax -40 °C; = Tmax -40 °C; = Tmin 60 °C; = Tmax
IP (at the front) Enclosure Type 4 at the front Enclosure Type 4x at the front IP (rear) Standards, approvals, certificates Suitable for safety functions Ambient conditions Ambient temperature during operation • min. • max. • Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. • Operation (max. tilt angle) — At maximum tilt angle, min. — At maximum tilt angle, min.	No IP20 Yes; e.g. installation of emergency stop -40 °C; = Tmin 60 °C; = Tmax -40 °C; = Tmax -40 °C; = Tmin 60 °C; = Tmax

• Operation (max. tilt angle, portrait format) -40 °C; = Tmin — At maximum tilt angle, min. 60 °C; = Tmax — At maximum tilt angle, min. Ambient temperature during storage/transportation

-40 °C • min. • max. 80 °C

Enclosure material (front) No Plastic Yes • Aluminum Stainless steel No

Width of the housing front 98 mm Height of housing front 155 mm 68 mm; Max. thickness of mounting plate 2 - 6 mm Mounting cutout, width Mounting cutout, height 129 mm Overall depth 49 mm

Weights Weight without packaging 240 g

09/06/2018 last modified: