

SIEMENS

Product data sheet

6AV3688-3AA03-0AX0

PUSH BUTTON PANEL PP7 8 SHORT-STROKE
KEYS 8 SURFACE LED'S,
4 DI TERMINALS (24 V) PROFIBUS DP



General information

Short lift keys/additional inputs as pushbuttons or switches Yes

max. pulse extension for short-stroke keys and digital inputs 1000 ms

Release input No

Control elements

Control elements Membrane keyboard

Operating options Keys

Function keys, programmable 8 function keys, 8 with LEDs

Keyboard fonts

freely inscribable membrane keys Yes

Numeric/alphabetical input

Multi-key operation Yes

Supply voltage

Supply voltage 24 V DC

Input current	
Rated current	0.2 A
Inrush current A ² s	0.03 A ² s
Power	
Power	5 W
Type of output	
Info LED	Yes
Power LED	Yes
Error LED	Yes
Color modes for LED	3
Number of LEDs	8
Digital inputs	
Number of digital inputs	4
integrated channels (DI)	4
Voltage (DC)	24 V
Digital outputs	
integrated channels (DO)	0
Interfaces	
Interfaces	1 x RS485 (max. 1.5 Mbit/s)
Number of RS 485 interfaces	1
Transmission rate, max.	1.5 Mbit/s
Protocols	
Supports protocol for PROFINET IO	No
PROFIBUS	Yes
MPI	Yes
Protocols (Ethernet)	
TCP/IP	No
Further protocols	
AS-i	No
CAN	No
INTERBUS	No
MODBUS	No
Data highway	No

DeviceNet	No
Local Operating Network	No
SUCOnet	No
other bus systems	No
Test commissioning functions	
Illuminant test	Yes
Flashing frequency for LEDs	0.5 Hz
Pushbutton and lamp test	Yes
Degree and class of protection	
Front	IP65
IP (at the front)	IP65
Rear	IP20
Standards, approvals, certificates	
Certifications	CE, FM Class I Div. 2, UL, CSA
Ambient conditions	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	+/- 35 °
Storage/transport temperature	
Transport, storage	-20 °C to +70 °C
Relative humidity	
max. relative humidity	95 %
Mechanics/material	
Lifetime, typ.	
Short-stroke keys (in switching cycles)	1500000
LEDs (ON period)	100 %
Dimensions	
Front of enclosure (W x H)	144 mm x 204 mm
Weight	
Weight	0.8 kg
other	
free hotline	Yes
Warranty period	1 a
Status	Jul 17, 2012