SIEMENS

Data sheet 6AV6671-8XA00-0AX0

plug, female, 2-pole, type 1, grid size 5.08 mm, scope of supply: 10 plugs



General information	
Product type designation	Connector, female, 2-pin, type 1
Control elements	
Frame size/design	
● Standard	Yes; Z shape
Installation type/mounting	
Wall mounting/direct mounting	Yes; can be plugged into SIMATIC HMI device
Supply voltage	
Rated value (DC)	24 V
Interfaces	
HMI-side interface	
● Number of pins HMI-side	2; Male
Device-side interface	
● Number of pins device-side	2; Female, screw terminals
Standards, approvals, certificates	
RoHS conformity	Yes
China RoHS compliance	Yes
Use in hazardous areas	
● ATEX Zone 2	Yes; Device-dependent, see operating instructions
● ATEX Zone 22	Yes; Device-dependent, see operating instructions
● IECEx Zone 2	Yes; Device-dependent, see operating instructions
● IECEx Zone 22	Yes; Device-dependent, see operating instructions
● cULus Class I Zone 1	Yes; Device-dependent, see operating instructions
● cULus Class I Zone 2, Division 2	Yes; Device-dependent, see operating instructions
● FM Class I Division 2	Yes; Device-dependent, see operating instructions
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	55 °C
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	70 °C
Relative humidity	
● Operation, max.	95 %
Mechanics/material	
Material	
● plastic	Yes; green
Enclosure material (front)	
● plastic	Yes; Contact spacing 5.08 mm

Subject to change without notice
© Copyright Plcally

Screw type	
● 4.5 V	Yes; Screw terminals
Dimensions	
Width	10 mm
Height	15 mm
Thickness	27 mm
Scope of supply	
Delivery quantity in pieces	10
Other	
Merchandise	Yes
Manufacturer name	PHOENIX CONTACT
Manufacturer's address	Flachsmarktstraße 8, 32825 Blomberg, Germany
Target devices	for Comfort Panel, IPC, Flat Panel, Thin Client

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

Approvals / Certificates

General Product Approval

EMV

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.plcally.com/?s=6AV6671-8XA00-0AX0

last modified: 5/20/2026

© Copyright Plcally