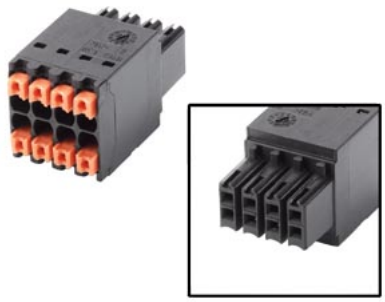
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Data sheet 6AV6881-0HE20-0AA0

plug, female, 8-pole, 180°, grid size 3.50 mm, max.: 1.5 mm2, scope of supply: 10 plugs



General information	
Product type designation	Connector, female, 8-pin
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	8; Female
Device-side interface	
● Number of pins device-side	8; Female, spring-loaded terminals
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
UL approval	Yes; E60693
EAC (formerly Gost-R)	Yes
RoHS conformity	Yes
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.	80 %
Mechanics/material	
Material	
● plastic	Yes; PA 66 GF 30
Enclosure material (front)	
● plastic	Yes; Spring-loaded terminals 1.5 mm²
Enclosure color (front)	RAL 9011 (black)
Enclosure color (rear)	RAL 9011 (black)
Dimensions	
Width	10.5 mm; 8-pin connector
Height	20 mm
Thickness	20 mm
Weights	
Weight (without packaging)	5.3 g; Per unit

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Scope of supply	
Delivery quantity in pieces	10; Without ejector

Other	
Merchandise	Yes; B2CF 3.50/08/180 SN BK BX O/N:1277480000
Manufacturer name	Weidmüller Interface GmbH & Co. KG
Manufacturer's address	Klingenbergstraße 16, 32758 Detmold, Germany
Target devices	suitable for all appropriate interfaces

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

EAC

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://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&lc=en-WW

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