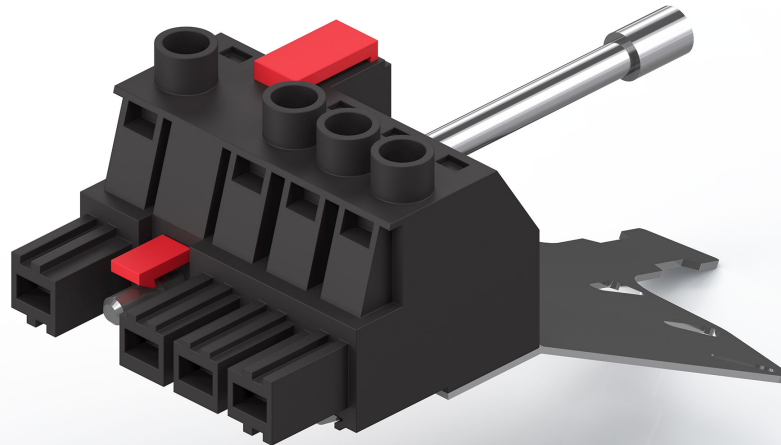


ZS4500-2043 | Connector for AX5000, 40 A

Pitch dimension 10.16 mm, plug, angled, female, 4-pin

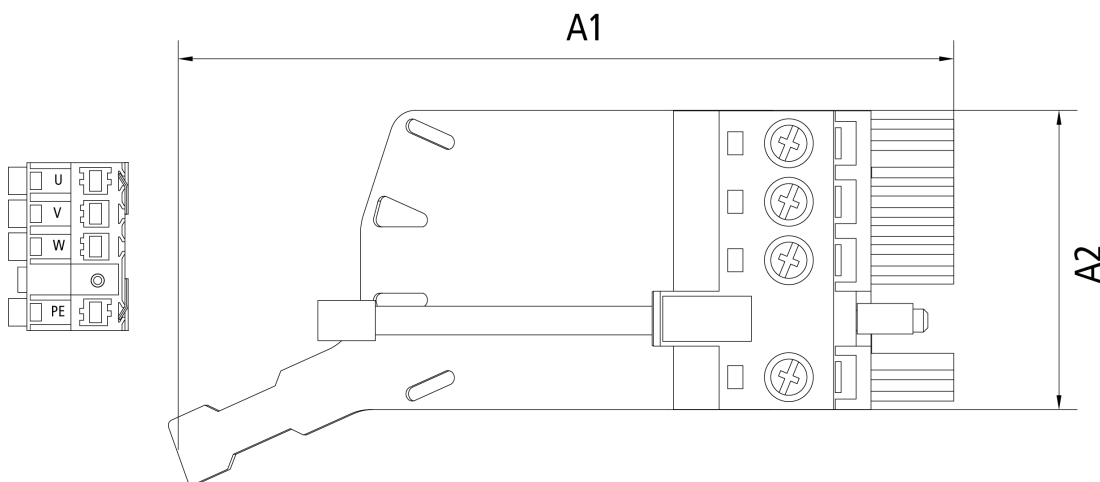


VORSCHAUBILD – NICHT FREIGEGBEN

Electrical data	
Rated voltage (power)	1000 V AC/DC (according to IEC 60664–1, IEC 61984), 600 V (accordig to UL 1059)
Rated current (power)	61.3 A at 40 °C (according to IEC 60664–1, IEC 61984), 60 A at 40 °C (according to UL 1059)
Rated impulse voltage (power)	8.0 kV
Contact resistance	4.5 mΩ
Insulation resistance	≥ 100 MΩ (according to IEC 60512)
Insulation group	I
Mechanical data	
Accessories type	Connectors/Cables
Installation size	Pitch dimension 10.16 mm
Connector type	plug
Configuration	angled
Contact type	female
Number of positions (face)	4-pin
Wire termination	Clamping yoke connection
Recommended torque, screw termination	1.2...1.5 Nm

Recommended torque, screw flange	0.6 Nm
Mating cycles	25
Way of locking	flange and screw
Weight per piece	0.057 kg (0.1257 lb)
Body color	black, similar to RAL 9011
Body material	PA GF, UL 94 V-0
Contact carrier material	PA GF, UL 94 V-0
Contact material	copper alloy
Max. wire cross-section	AWG22 ... AWG4 (0.2 mm ² ... 16 mm ²)
Environmental data	
Ambient temperature (operation)	-50...+130 °C, -58...+266 °F
Protection rating	IP20
Pollution level	3
Overvoltage category	3

Dimensions



A1	137.00 mm
A2	52.00 mm

Notes

- Illustrations similar

Ordering information

ZS4500-2043 connector for AX5000: X13 motor connector plug, 4-pin, 16 mm², with shroud, for 40 A

Beckhoff®, TwinCAT®, TwinCAT/BSD®, TC/BSD®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, Safety over EtherCAT®, TwinSAFE®, XFC®, XTS® and XPlanar® are registered trademarks of and licensed by Beckhoff Automation GmbH. Other designations used in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owners.

© Beckhoff Automation GmbH & Co. KG 01/2023

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual application do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.