ZS1051-3001 | CANopen, D-sub connector, with integrated termination resistor

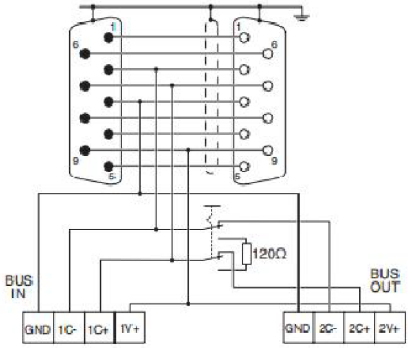
D-sub, socket, angled, female, 9-pin



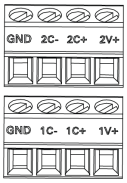
Electrical data	
Rated voltage	5 V AC/DC
Rated current	0.1 A at 20°C
Contact resistance	< 30 mΩ
Insulation resistance	≥ 100 MΩ
Transmission characteristics	acc. to CAN specification up to 1 M bit/s
Mechanical data	
Installation size	D-sub
Connector type	socket
Configuration	angled
Contact type	female
Number of positions (face)	9-pin
Mating cycles	≥ 200
Max. wire cross-section	AWG16...AWG26 (1.5 mm^2...0.14 mm^2)
Max. cable outer diameter	8.1 mm
Environmental data	
RoHS compliant	yes

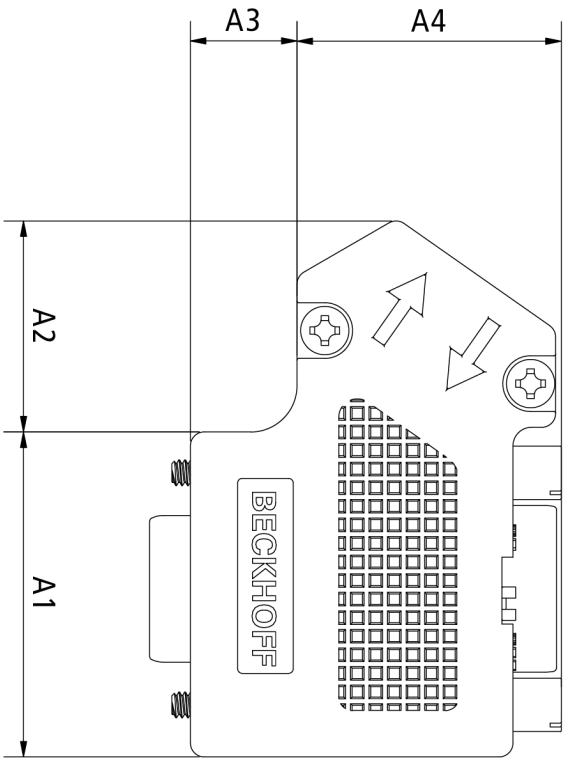
Ambient temperature (operation)	-25...+85°C, -13...+185°F
Protection rating	IP67

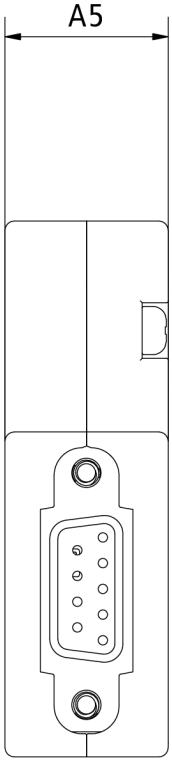
Pin assignment



Dimensions







A1	35 mm
A2	22.7 mm
A3	11.5 mm
A4	28.5 mm
A5	17.6 mm

Notes

- Illustrations similar

Ordering information	
ZS1051-3001	CAN connector, D-Sub, 9-pin, socket, female, D-Sub, 9-pin, plug, male, with switchable termination resistor



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

Beckhoff®, ATRO®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, MX-System®, Safety over EtherCAT®, TC/BSD®, TwinCAT®, TwinCAT/BSD®, TwinSAFE®, XFC®, XPlanar® and XTS® 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 04/2026

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 expressively agreed in the terms of contract.