

ED-CAN-AX-PRO**Article No.:** 21700591

Data connectors; CAN; Sub-D Socket; Straight (180 °); Switchable Bus Terminator

**Details****Benefits**

- High function and failure protection in harsh environments.
- The small design size make it suitable for use in limited spaces.
- Easy to service screw connection enables assembly without special tools.
- Thanks to the integrated terminating resistors that can be switched via a slide controller, the connector can be used as a transition or terminating connector.
- Improved protection against electromagnetic interference due to metallized housing.
- External cable clamps provide increased strain relief for the cables.
- Also available as a "PG" variant with a second D-Sub interface for programming and diagnosis.

Application

- For Fieldbus communication in CAN and CANopen-based networks.
- For connecting CAN/CANopen-compliant cables (cable outer diameter 7-10 mm).

Notes

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

DeviceNet is a registered trademark of the user organization ODVA.

Remarks

Technical Data

General information

Brand	EPIC®
Product type	Data connectors
Delivery Unit	1
valid Fieldbus or Ethernet System	CAN

Electrical parameters

Impedance	120 Ω
-----------	-------

Product design

Shielded	Yes
Total length	3.185 in
Overall width	1.421 in
Overall height	0.583 in
Connector housing design	Straight
Coded	No
With thread	No
Format of connector	Sub-D
Connector type	Socket
Connector housing angle	180 °
For min. cable outer diameter	0.276 in
For max. cable outer diameter	0.394 in
Reusable	Yes
Assembly type	Field Configurable

Connectable conductor cross section stranded min. (AWG)	28 AWG
Max. connectable fine-wire conductor cross-section (AWG)	14 AWG
Housing main material	Zinc alloy
Housing base material, short form	Zn
Diagnostic interface	No
Pin assignment	CAN Low = Pin 2 CAN Gnd = Pin 3 CAN High = Pin 7 CAN V+ = Pin 9

Product features

version of sub-d	Switchable Bus Terminator
Min. number of insertion cycles	200
IP protection rating	IP 30
Suitable for EX-applications	No
UV-resistant	No
Fast Connect (FC) cable	No

Certifications and standards

CE marking	Yes
UL recognized	No
UL listed	No
cUR recognized	No
cUL listed	No
CSA certified	No

EPIC® DATA CAN Sub-D PRO

Article No.	Name	Status display
21700590	ED-CAN-90-PG-PRO	
21700591	ED-CAN-AX-PRO	

V1.1