DA Series FlexEdge CAN Protocol Sled

Item number: DAS00PN8CA6IS000

The FlexEdge CAN Protocol Sled avoids costly rip-and-replace scenarios. Built for harsh industrial settings and installs easily into your DA50 or DA70 device. Digitally isolated CAN port communications sled powered and controled by your FlexEdge device.

Communicate with any CAN protocol device using your FlexEdge controller

Features and benefits

CAN protocol communication with your DA device

One CAN protocol port capable of communicating with any CAN protocol device.

Digitally isolated

Isolation from DA CAN communication port to DA host controller: 1000 VDC for 1 minute.

Configured using Crimson® software

Programmed with industry leading Crimson® configuration software (version 3.2 or later). Easy to use with low/no code graphical user interface.

Designed for harsh industrial environments

Engineered to deliver uncompromising performance in demanding environments. Operating temperature of -40 °C to 75 °C.

Power supplied by FlexEdge host controller

Maximum power is 1.0 W.

Software programmable

Format and baud rates that are software programmable up to 1 M baud. This port may be configured for various CAN protocols.

Termination resistor

Built-in switch selectable termination resistor. The termination resistor is rated for 100 Ohm at 1W.

LED status monitoring

TERM STS LED indicates whether termination resistor is connected/disconnected. SLED STS LED displays state of sled's communication connection with DA controller. STS LED indicates communication status with other CAN protocol devices.

Leading industry certifications

CE, ATEX, IECEx, UKEX and Class 1, Division 2 approvals for hazardous locations. ABS type approval for shipboard applications.

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General

Net Weight (g)	0.01
Packed Width (mm)	152.4
Packed Height (mm)	101.6
Packed Depth (mm)	203.2
Packed Weight (g)	0.01
Operating Temperature °C Min	-40
Operating Temperature °C Max	75
Storage Temperature °C Min	-40
Storage Temperature °C Max	80
Relative Humidity	0 to 95% max. RH noncondensing
Power Consumption (W)	1
Maximum Installation Altitude (m)	2000
Packaging Material	Cardboard
Warranty (years)	3

Identification and Status

Product ID	DAS00PN8CA6IS000
Country of Origin	United States of America (the)
HS Code	8517699000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

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Physical Features

Connectors / Input / Output	Terminal
SD Card Slot	No
Flash Drive	No
Contains Battery	No

Certifications and Standards

RoHS Compliant	Yes
CE	Yes
FCC	No
UKCA	Yes
UL	Yes
ATEX	Yes
DNV	No
KC	No
Vibration and Shock	Shock: IEC 68-2-27: Operational 15 g; Vibration: IEC 68-2-6: Operational 5-500 Hz, 2 g