



CrossLink BTC HEAVY DUTY WIRELESS CAN

CrossLink BTC is a compact and rugged module for wireless CAN in industrial vehicle applications. The unit has wireless serial communication via Bluetooth® Class 1 which means a reach of 100 m.

When paired with a second CrossLink BTC unit a wireless CAN bridge is established, simply channeling the CAN communication. The solution is typically used when connecting CAN networks on different machines and vehicles.

Turn for technical specifications »

Standard model specifications

INTERFACES	
CAN	ISO 11898-2, configurable bit rate
SERIAL	For software, for example setting up filtering of CAN IDs
WIRELESS SERIAL	Via Bluetooth®, Class 1, range 100 m, 1 Mbps

CrossLink BTC PRODUCT SPECIFICATIONS

KERNEL	
PROCESSOR	Fujitsu MB90F342/349

HMI	
CAN STATUS	Red/green LED
BLUETOOTH STATUS	Bluetooth communication status Max. bluetooth transmit power is 84mW Safety distance between human and bluetooth: 20 cm
CHANNEL AND ROLE SELECTION	Rotary Switch, 5 channels

POWER	
VOLTAGE	24 VDC nominal
CURRENT	160 mA at 24V

ENVIRONMENT	
IP CLASS	IP67
EMC CONFORMITY	ISO 14982 for emissions ISO11452-2 for immunity
TEMPERATURE RANGE (°C)	-40 to +75 (operating)

ENCLOSURE	
HOUSING MATERIAL	Plastic, silicon filled
CONNECTORS	DIN M12, SMA for antenna CrossLink is available in two versions: CrossLink BTCe with external antenna CrossLink BTCi with internal antenna

SIZE AND WEIGHT	
W x H x D (mm)	88 x 133 x 45
WEIGHT (kg)	0.45

crosscontrol
AN ACTUANT COMPANY

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