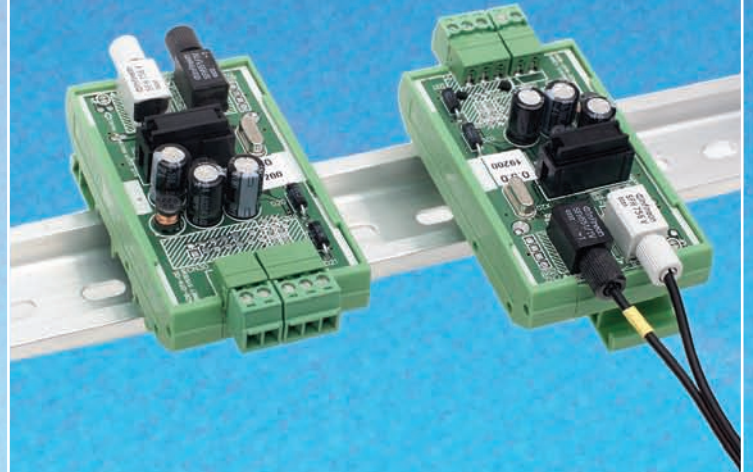


Fox - Serial to Fibre Optic Converters

Providing total isolation and high noise immunity in electrical installations

foxcub

- ▶ Single port fibre optic converters
- ▶ RS-232, RS-485 and Intermodule Bus variants
- ▶ Glass Fibre & Plastic Fibre variants
- ▶ DIN mount



FoX

- ▶ Four port RS-232 to Glass Fibre Optic converter
- ▶ Expandable
- ▶ Aluminium enclosure
- ▶ DIN mount

foxcub - Fibre Optic Converters

Single port Asynchronous Fibre Optic converters available in RS-232, RS-485 or Abbey Systems Intermodule Bus versions with both glass (ST) or plastic fibre variants.

Applications:

- ▶ Isolation of protection relays, power meters, transformer relays and circuit breakers in power distribution substations.
- ▶ Isolation of voltage regulators and reclosers in feeder distribution networks.
- ▶ Sites that suffer from earth potential problems.
- ▶ Distributed RTUs, PLCs and Abbey Systems Central site equipment.

Specifications

<i>Dimensions:</i>	46 x 77mm
<i>Power:</i>	10 -36VDC, 2 pin connector
<i>Current:</i>	~30mA all versions
<i>Mounting:</i>	DIN 'top hat' rail mount
<i>Typical link distance:</i>	<60m

Part Numbers

<i>Description</i>	<i>Connector</i>	<i>Plastic fibre</i> 1mm POF	<i>Glass fibre</i> ST 50/125, 62.5/125, 100/140uM , 200u HCS
RS-485	3 pin	B06-074-111	B06-074-121
RS-232	RJ 45	B06-074-112	B06-074-122
Intermodule bus	3 pin	B06-074-113	B06-074-123

Fox – Fibre Optic Converter

Four port Asynchronous RS-232 to glass Fibre Optic converter in a robust aluminium enclosure.

Specification

<i>Dimensions:</i>	250Lx65Wx38H
<i>Power:</i>	12VDC through either RJ45 or separate connector
<i>Mounting:</i>	DIN 'top hat' rail mount
<i>Interface to RTU:</i>	RS-232 serial using RJ-45 connector
<i>Data combining:</i>	Broadcast transmit data; logical OR of received data
<i>Maximum data rate:</i>	115.2 kilobits per second
<i>FO connector type:</i>	'ST' connectors
<i>Number of fibre-optic ports:</i>	Four Duplex ports expandable by daisy-chain
<i>Fibre type /sizes:</i>	Glass multi-mode, 50/125 _m, 62.5/125 _m and 100/140 _m
<i>Wavelength:</i>	820 nm (infra-red)
<i>Transmit power:</i>	-5 to +2 dB, switch-settable (individually for each port)
<i>Diagnostic indicators:</i>	Tx, Rx for RTU, and individual Rx for each port
<i>Typical link distance:</i>	<6000 m
Part Number	B06-060

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