

# Data Sheet

## HD&P Serial data to fiber optic converter MFOS-DT

### FEATURES

- 2channel serial data and 1channel contact closure communication
- Supports RS232, 422, 485 serial data communication
- More than 20km transmission distance(single mode fiber)
- Operation status indication LED
- LC optical connector
- Latch locking power connector
- Package with mounting flanges for rack mountable



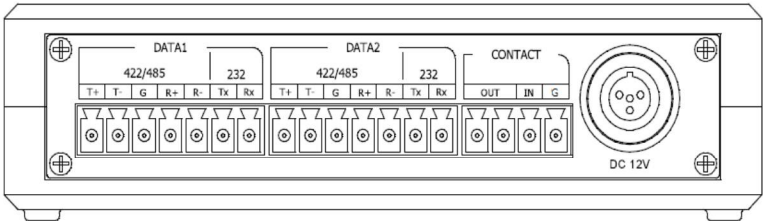
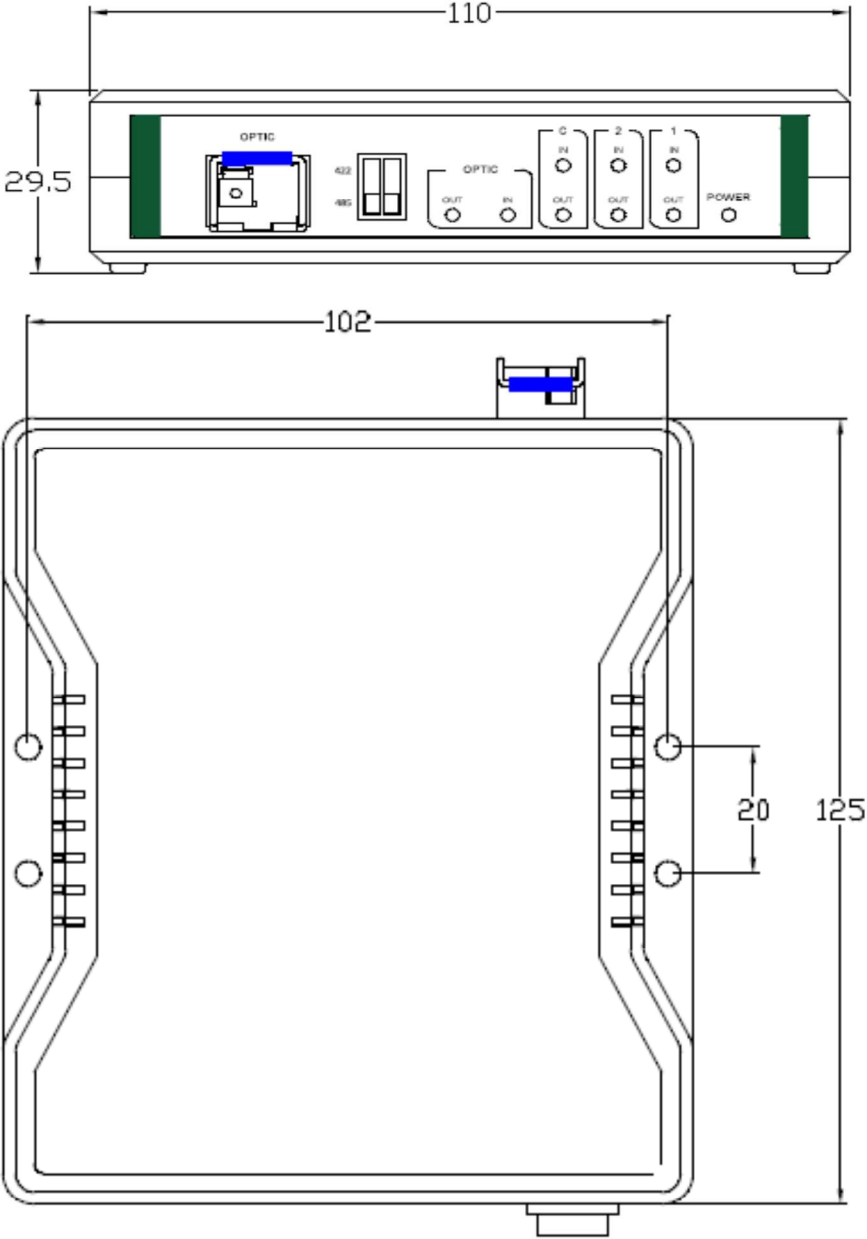
### APPLICATIONS

- Broadcasting, surveillance networks and CCTV security system
- Access control systems, Building automation and environmental control system
- Fire and alarm system

### SPECIFICATION

Parameter		Specification
Serial data	Data rate	DC to 9600kbps
	Data Interface	2 x RS422/485, RS232
	Electrical Connector	2 x 7P terminal block
Contact closure	Signal Input	Wet contact
	Signal output	SSR Dry contact, 40VDC@0.1A
	Electrical Connector	1 x Signal input : 2P terminal block 1 x Signal output : 2P terminal block
Optical	Wavelength	1310nm/1550nm BiDi SFP
	Distance (Typ.)	20km
	Fiber Type	Single mode
	Optical Connector	1 x SFP : 1 x LC/PC Connector
General	Power Supply	DC 12V, 1A (supports 7 ~ 16VDC input rage)
	Electrical Connector	Mini XLR 4pin, male
	Operating Temperature	-20 to +75°C
	Storage Temperature	-40 to +85°C
	Humidity	0 to 95% RH, non-condensing
	Dimensions (W x D x H)	125 x 110 x 29.5 (mm)

DIMENSIONS (mm)



\* Power Connector PIN Layouts



PIN No.	Description
1	GND
2	NC
3	VCC
4	NC

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