

Technical Data

Connections

Wiring Options	
Field side	Fixed screw terminals
Control side	Fixed screw terminals/2x 37 pin D Sub
RS-485	Removable screw terminals
Power	Removable screw terminals

Electrical

Mounting	20 – 30 VDC
Power consumption	0.7 W
Power fuse	3.15A, 5x20mm
DC isolation of HART	30 VDC

Mechanical

Mounting	T type (EN 50022, DIN462777-3) or G type (EN 50035, DIN462777-1) DIN rail
Signal Channels	Up to 32 unbalanced signal loops
Communication port	RS-485, differential pair plus GND
Communication speed	9600 or 19200 baud
Max. Conductor diameter	16 AWG (2.5mm ²)
Weight	25 oz. (709 g)
Dimensions	11.8" x 5.0" x 2.84" (L x W x H) w/o mux (300mm x 127mm x 72mm) 11.8" x 5.0" x 7.3" (L x W x H) with mux (300mm x 127mm x 186mm)

Environmental

Operating Temperature Range	0°C to 55°C (32°F to 131°F)
Relative Humidity	5 to 90% non-condensing

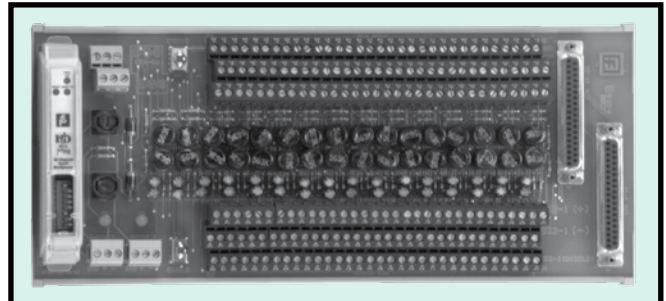
Model Number Options

HPSM/32/TB-02	32 channels without HART filters
HPSM/32/TB-02/FUSE	32 channels fused
HPSM/32/TB-02/HF16	16 channels HART filters/ 16 without
HPSM/32/TB-02/HF16/FUSE	16 channels with HART filters & fused
HPSM/32/TB-02/HF32	32 channels with HART filters
HPSM/32/TB-02-200R	32 channels with 200 ohm resistor in line

Installation Instruction

Product installation manual	www.elconhis.com/eip-sm.html
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HART Interface Solutions



Model Number
HPSM-32-TB-02

- Ideal for retrofitting existing installations
- Serial or parallel wiring options
- 37 pin D-Sub connectors
- Redundant power supply connections
- HART filter options
- Fuse options

The HPSM/32/TB-02 is designed to complement the I/O termination panels and provide access to all HART information. The HART termination board provides a robust solution for on-line HART communications, interfaces up to 32 field located HART devices, and it allows the user to retain standard DCS field termination panels. This ideal for retrofitting existing installations and maintains all existing hardware and field wiring. The TB-02 also offers several variations including analog output filters, individual fused channels or a combination of both to meet your HART needs.

