



Edco COHP Series Data/Signal Line/Punch Block Protection High Exposure Applications

The Edco COHP modules are three-stage hybrid protectors for low voltage data and telecommunications applications. The modules address over-voltage transients with gas tubes and silicon avalanche components. In addition, sneak and fault currents are mitigated with resettable fuses (PTCs). Intended to be used on pairs without the presence of ringing voltage. The Edco COHP modules are designed for data and control applications as an isolated loop circuit protector.

Features

- Replaces bridging clips on MI -50 Block
- <1 nanosecond response time
- Line-to-line protection
- Line-to-ground protection
- Utilizes MGB grounding rail
- Rugged three electrode gas tube first stage
- Silicon avalanche hybrid technology
- Polyswitch resettable fusing — PTCs
- 5 year warranty

General Technical Specifications

Operating Voltage	6, 12, 24, 43, 52 VDC
Clamping Voltage	8, 15, 30, 50, 60 VDC
Operating Current	0.15 A
Peak Surge Current	10 kA (8 x 20 μs)
Frequency Range	0 to 20 MHz
Insertion Loss	< 0.1 dB at 20 MHz

SPD Technology	GDT, SAD, w/ Series PTC
Connection Type	Clip
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	1.25H x 0.4W x 2.8L
Weight	1 oz
Certifications	UL 497B

Ordering Information

COHP-008	8 Volts
COHP-015	15 Volts
COHP-030	30 Volts
COHP-050	50 Volts
COHP-060	60 Volts



Edco MGB Ground Rail Fits Standard 66MI-50 Punch Down Blocks Split Block Variations

The Edco MGB Ground Rail — designed to fit standard 66MI-50 Punch Down Blocks. Allows Edco’s H-Series, COHP, OPX, PB Series and other similar surge suppressors to access ground when snapped onto the 66MI-50 Punch Down Block. The Standard 66MI-50 Block is capable of accommodating up to 25 Edco surge suppressors.

US PATENT NO. 4,703,983

*DO NOT daisy chain grounds.
NOT intended for shield termination.
Install ground in accordance with all
applicable codes.*

