



Telecom/Datacom Products

COHP Series High-Exposure Applications

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.

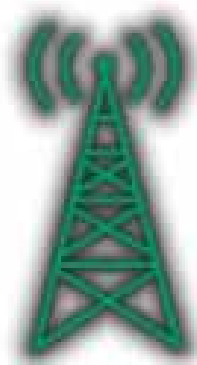
COHP modules are designed for data and control applications as an isolated loop circuit protector (**UL 497B**).

FEATURES

- Replaces Bridging Clips on M1-50 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
- UL 497B Listed
- Polyswitch Resettable Fusing—PTCs



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**NEED HELP?
Call 1-800-648-4076**

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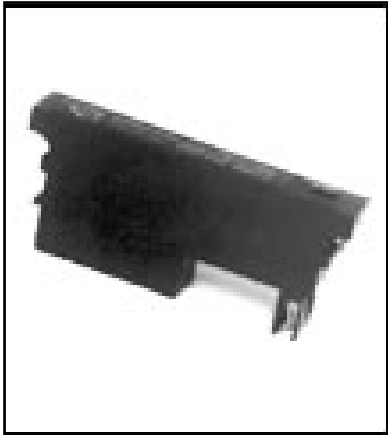
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SPECIFICATIONS

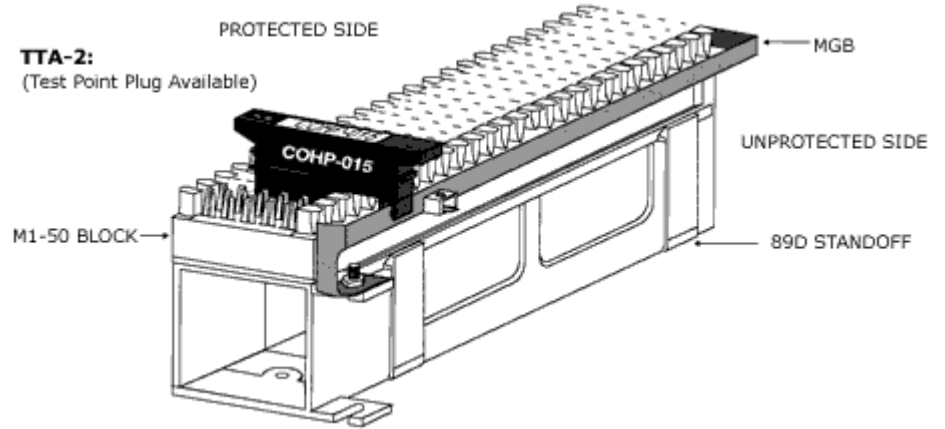
| Part # | COHP-015 | COHP-030 | COHP-050 | COHP-060 |
|---|----------|----------|----------|----------|
| Max Peak Signal Voltage | 12 | 24 | 43 | 52 |
| Nominal Breakdown Voltage | 15 | 30 | 50 | 60 |
| UL Surge Voltage 100V/μs (TYP) | 20 | 34 | 60 | 70 |
| Max Let-Thru Voltage 10x700μs @400 Amps | 20 | 35 | 72 | 80 |
| Surge Current 500A 10 x 1000μs (Occurrences) | >100 | >100 | >100 | >100 |
| Typ Cap (pf) | 1500 | 1200 | 800 | 600 |
| UL Rating | 497B | 497B | 497B | 497B |
| Max Cont. Current | 150ma | 150ma | 150ma | 150ma |
| Nominal Series Resistance | 5 Ohms | 5 Ohms | 5 Ohms | 5 Ohms |

Caution: The hybrid design of this product includes series resistance. Do not place this product in service on any signal line capable of supplying more than 150 milliamperes continuously.

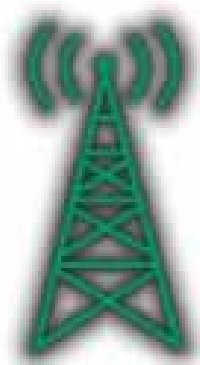


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APPLICATION DIAGRAM



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