

GE MULTILIN 489 GENERATOR PROTECTION SYSTEMS

Product Data Sheet

489-P5-HI-A20

generator management relay

FUNCTION generator management relay	FAMILY GE Multilin 489 generator protection	ORIGIN United States	WEIGHT 7.30 kg
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GE Multilin 489-P5-HI-A20 is a generator management relay for the GE Multilin 489 generator protection systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Phase CT Secondary	5 A
Control Power	90 to 300 V DC; 70 to 265 V AC
Analog Outputs	4 to 20 mA
Typical Power	25 VA
Maximum Power	45 VA
Supply Frequency	48 to 62 Hz
Voltage Ride Through	16.7 ms at complete loss
Fuse Rating	2.5 A HRC slow-blow
Phase CT Inputs	Six isolated inputs
Power Metering Range	-2000 to 2000 MW

ADDITIONAL PRODUCT DATA

Reactive Power Range	-2000 to 2000 Mvar
Apparent Power Range	0 to 2000 MVA
Trip Coil Voltage	20 to 300 V DC/AC
Trip Coil Current	2 to 5 mA
Firmware Family	Revision 4.0X

OFFICIAL APPLICATIONS

- Synchronous Generators and Plant Switchgear Panels: Generator electrical protection
- Gas Turbine Generators and Captive Power Units: Generation asset protection
- Mill Generators and High-Power Motor Systems: Machine electrical monitoring

SYSTEM COMPATIBILITY

Match 489-P5-HI-A20 to the installed GE Multilin 489 generator protection systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[GE official manufacturer documentation](#)

AMIKON PRODUCT SUPPORT

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