



MS G2

EARTH LEAKAGE RELAY

Sensitive Core Balance relay for earth fault and unbalance



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GENERAL INDUSTRY • UTILITIES • MINING

OPERATIONAL INFORMATION & SPECIFICATIONS

MS G2

What is it used for:

The MS G2 relay has been designed to provide co-ordinated discriminative earth fault isolation in electrical distribution systems.

They are typically used in the Mining and Petro-chemical Industries as well as Utilities and other small industry applications.

Key Features:

Current threshold level and time level configuration can be selected from the list as found under specifications and be set by the user.

The configuration settings can be modified by the user at a later date if required.

The calibration for both the round and rectangular ELCOR sensors co-reside in the protection relay. Either ELCOR sensor can be selected by the user for the application.

Configuration using the EPC curve or Definite Time are selectable in the standard MS G2.

One model of the MS G2 (replaces all models of the MS1 and MS2) reduces stock requirement as the multiple application levels are covered by the protection relay user configurable settings.

Programmable Time & Current settings.

Event recording with adjustable recording times built in.

Retrofittable on site.

Trip indication even on power fail using a Super Cap.

Optical Head interface.

Wide Range PSU 80 – 660 V AC.

Stores the last 10 trips with threshold and timestamp.

Functionalities

User programmable for Trip time and trip current.

User programmable with special settings.

Optical head interface to record & determine the start-up curve.

Program relay for the correct setting as per above action.

Blue tooth connectivity via Android.

Why buy a MS G2

One product for all applications, one core size built into the relay.

Local Manufacture and test certificates available.

EPC CURVES - AVAILABLE SETTINGS			
Trip Time (sec)		Earth Leakage Threshold - Trip Level (mA)	
EPC curves	•	375, 500, 1000	•
0.0	o	-----	o
0.4			
1.0			
1.6			
2.5			
5			
10			
20			

DEFINITE TIME - AVAILABLE SETTINGS			
Trip Time (sec)		Earth Leakage Threshold - Trip Level (mA)	
0.0	•	30, 125, 250, 375, 500, 750, 1000, 2000, 2500	•
0.4			
1.0			
1.6			
2.5			
5			
10			
20			



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