

ARG 03S is a fault current detector for the underground medium voltage distribution network (6-36kV) and for detecting the short circuit and earth faults.

Thanks to its magnetic core clamp type current sensors which is RJ-45, prevents wrong polarity connection and easy assembly.

ARG 03S has Special designed LED external Signal Lamp which is flexible and high light transmission.

All time-delays are programmed into the micro-controller through **DIP Switches** by user. The indication module is equipped with fault and relay active LED's.

ARG 03S includes, 3 resetting types as manual, automatic and time setting.

ARG 03S can work with or without batteries.



- 24- 110 VDC universal auxiliary supply
- If there is no DC, it can work via Batteries, if there is DC no need for batteries.
- Manual – Automatic and Time Setting Reset
- 100.000 hours life time LED external signal Lamp
- Complies MYD-2002-043A TEDAS Specifications.

Auxiliary Power Supply	24 - 48 - 110 VDC
Operating Voltage	6 – 70 kV Underground Network
Application	Phase – Phase / Phase – Ground Fault Notification
Notr System	Over resistance or Direct Earthing
Phase – Ground Fault Current Values	5 – 160A (5A Accuracy)
Phase – Ground Fault Detection Time	50, 100, 200, 300ms
Phase – Phase Fault Current Values	225, 450, 575, 700A
Phase – Phase Fault Detection Time	50, 100, 200, 300ms
Automatic Reset	When Voltage or Current Turns Back
Manual Reset	With Button in Front Panel
Time Adjustable Reset	1 – 6 Hours
Contact Capacity	1 piece of NO Dry Contact – Max. 60Vdc 0,5A
Weight	< 0,4kg



- Split core current sensors
- Easy Connection

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I max trip value	SW-A 1	SW-A 2			
225 A	OFF	OFF			
450 A	ON	OFF			
575 A	OFF	ON			
700 A	ON	ON			
Earth fault trip value	SW-A 3	SW-A 4	SW-A 5	SW-A 6	
5 A	OFF	OFF	OFF	OFF	
10 A	ON	OFF	OFF	OFF	
15 A	OFF	ON	OFF	OFF	
20 A	ON	ON	OFF	OFF	
25 A	OFF	OFF	ON	OFF	
30 A	ON	OFF	ON	OFF	
35 A	OFF	ON	ON	OFF	
40 A	ON	ON	ON	OFF	
50 A	OFF	OFF	OFF	ON	
60 A	ON	OFF	OFF	ON	
70 A	OFF	ON	OFF	ON	
80 A	ON	ON	OFF	ON	
100 A	OFF	OFF	ON	ON	
120 A	ON	OFF	ON	ON	
140 A	OFF	ON	ON	ON	
160 A	ON	ON	ON	ON	
Voltage reset	SW-B 1				
Disabled	OFF				
100 ms	ON				
Max.flash duration	SW-B 2				
2h	OFF				
4h	ON				
Sensing time	SW-B 3	SW-B 4			
50msn	OFF	OFF			
100msn	ON	OFF			
200msn	OFF	ON			
300msn	ON	ON			