

49413724

Earth leakage relay RESYS M40R A type 115/230VAC



Strong points

- Automatic reclosing
- Fully configurable
- Ensures continuity of the power supply for strategic applications or in isolated sites
- Trigger accuracy by way of TRMS monitoring
- Real-time display of continuous leakage currents

General characteristics

- Automatic reclosing.
- Fully configurable.
- Continuity of the power supply for strategic applications.
- Tripping accuracy by TRMS measurement.
- Instantaneous display of permanent leakage currents.

Compliance with standards

- IEC 60755
- IEC 60947-2
- IEC 60664
- IEC 61543 A1

Link to the reference

<https://apac.socomec.com/en/reference/49413724>

The RESYS M40R differential relay is combined with a cut-off device equipped with a motorised control (automatic cut-off and restoration of power), ensuring the functions of:

- Protect against indirect contact.
 - Limiting earth leakage currents.
 - Re-engaging the cut-off device after detecting earth leakages and power outages.
- The relay re-engages the system up to six consecutive times after different time intervals. If the fault is still present after the sequence of six re-engage attempts, the relay enters an alarm state and manual intervention is required.

----- System -----

Fill rate E-Order Common	86
Fill rate E-Order Selection	50

Classification

UNSPSC	39122310
ETIM Class	EC001445
IGCC	5344

Commerce

Effective date	2012-11-20
Country of origin	GB
Discount Policy	1CG28
Discount Policy Label	RESYS RELAY
Length of the product unit	0.085
Width of the product unit	0.044
Depth of the product unit	0.0635
Weight	0.21

ETIM - Electrical characteristics

External power supply required	Yes
Voltage type (supply voltage)	AC
Supply voltage AC 50 Hz [V]	115/230
Supply voltage AC 60 Hz [V]	115/230
Rated operating frequency [Hz]	47..63
Current measuring range [mA]	15..30000
Response value amperage 1 [mA]	30..30000
Response value amperage 2 [mA]	15..15000
Max. permitted delay-on energization time [s]	10
Number of contacts as change-over contact	2
Voltage type (operating voltage)	AC
Operating voltage AC 50 Hz [V]	400..400
Operating voltage AC 60 Hz [V]	400..400
Rated switch current [A]	8

ETIM - Mechanical characteristics

Type of electric connection	Screw connection
With detachable clamps	No
Width [mm]	48
Height [mm]	83
Depth [mm]	63.5

ETIM - Technical features

Function	For AC-current system
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Indication of difference current	Yes
Error registration possible	No
Logistics	
GTIN/EAN	3596032714109
Customs number	8536490099
Price unit	PC
Weight of the packing unit	0.21
Length of the packing unit	0.11
Width of the packing unit	0.075
Depth of the packing unit	0.05
Technical Characteristics	
Control voltage	115/230 VAC
Time setting	0..10 s
Tripping threshold	30 mA .. 30 A
Type	RESYS M40R