

**49422603**

## Panel mounted Earth Leakage Relay, special settings

### Strong points

- Fully configurable
- Trigger accuracy by way of TRMS monitoring
- Real-time display of continuous leakage currents
- Compact sealed case
- Improved immunity to EMC interferences

### General characteristics

- Fully configurable.
- Tripping accuracy by TRMS measurement.
- Instantaneous display of permanent leakage currents.
- Compact sealed case.
- Improved immunity to EMC interferences.

### Compliance with standards

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

### Link to the reference

<https://apac.socomec.com/en/reference/49422603>

The RESYS P40 differential relay is combined with a triggered cut-off device (automatic power cut-off), to meet the following functions:

- Protect against indirect contact.
- Limit earth leakage currents.

It also ensures the preventive monitoring of electrical installations with its pre-alarm function (configurable) or when used in signalling relays.

### Classification

UNSPSC	39122310
ETIM Class	EC001445
IGCC	5344

### Commerce

Effective date	2006-06-19
Country of origin	GB

### ETIM - Electrical characteristics

External power supply required	Yes
Voltage type (supply voltage)	DC
Supply voltage AC 50 Hz [V]	12..125
Supply voltage DC [V]	12..125
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]	48
Depth [mm]	107

### ETIM - Technical features

Function	For AC-current system
Indication of difference current	Yes
Error registration possible	No

### Logistics

GTIN/EAN	3596031835072
Customs number	8536490099
Price unit	PC
Weight of the packing unit	0.163
Length of the packing unit	0.051
Width of the packing unit	0.076
Depth of the packing unit	0.112

### Norms

Conformity to standards	IEC
<b>Technical Characteristics</b>	
Control voltage	12-125 VDC
Time setting	0..10 s
Tripping threshold	30 mA .. 30 A
Type	RESYS P40 SPECIAL MATRIX