

49422602

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

Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/49422602>

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	2005-04-26
Obsolescence date	2020-12-01
Production ban date	2024-12-15
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	3596031787494
Customs number	8536490099
Price unit	PC
Weight of the packing unit	0.16
Length of the packing unit	0.075
Width of the packing unit	0.05
Depth of the packing unit	0.11

Norms

Conformity to standards	IEC
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Technical Characteristics

Control voltage	12-125 VDC
Time setting	0..10 s
Tripping threshold	30 mA .. 30 A
Type	RESYS P40