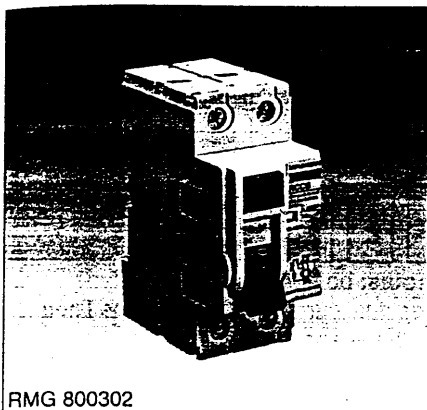


type RMG residual current devices BS EN61008

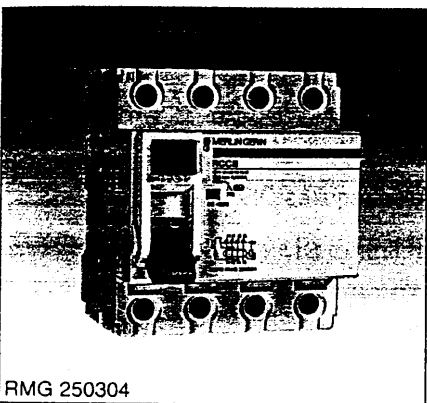
10/30/100/300mA

100/300mA time delayed

716 8172 to 716 8378



RMG 800302



RMG 250304

application

Type RMG residual current devices provide the functions of isolation, switching and earth leakage protection of electrical circuits.

They have a residual current operated electro-mechanical release which operates without any auxiliary source of supply to open a circuit automatically in the case of an earth leakage fault between phase and earth greater than or equal to a threshold of 10, 30, 100 or 300mA.

■ RMG rcd: time-delayed versions part n°. 23111 (80A 100mA two pole)

Provides discrimination with downstream 10mA and 30mA sensitivity instantaneous residual current devices.

part n°. 23116 (100A 300mA two pole)

Provides discrimination with downstream 30mA and 100mA sensitivity instantaneous residual current devices.

part n°. 23146 (63A 300mA four pole)

provides discrimination with downstream 30mA and 100mA sensitivity instantaneous residual current devices

Specifications

■ rcd: BS EN61008: 1983 or CEE 27

Technical data

■ positive contact indication
in accordance with the 16th edition of the IEE Wiring Regulations (537-02-04, 536-03) BS7671.

unwanted tripping

All RMG rcds incorporate a filtering device preventing the risks of unwanted tripping due to transient voltages (lightning, line disturbances on other equipment...) and transient currents (from high capacitive circuits.)

Class A devices: consult us

Electrical data

■ current ratings: 16A to 100A

■ voltage ratings:

2 pole: 110/240V AC

4 pole: 240/415V AC

■ sensitivities (non-adjustable)

300mA for all current ratings (except 16A & 25A, 2P)

300mA time-delayed, 100A 2P & 63A 4P
100mA in 63A/80A/100A 2P & 63A 4P
current ratings.

100mA time delayed 80A 2P only.

30mA for all current ratings (except 16A)

10mA in 2P 16A and 25A current ratings.

■ cable capacities

■ number of operating cycles: (on load)
20,000 cycles (O-C).

■ operating temperature: -5 to +40°C

■ Identification system

ALL RMG rcd's can accept up to a total of 4 marking accessories on each of their poles.

The following symbols are available: Blank, 1-9, +, -, and A-Z.

Note: 100A 2 pole type RMG rcds are NOT suitable for use as incomers to ISO-BAR SP&N distribution boards.

■ width in 9mm modules

2P RMG all ratings: 4

4P RMG all ratings: 8

Installation

■ on symmetrical DIN rail

■ panel mounting

Note: RMG residual current devices must be used with circuit breakers to provide circuit protection of overload and short circuit faults

■ dimensions: see page 126

type RMG rcd - two pole

rating (A)	sensitivity (mA)	part n°.
16	10	RMG 16 010 2
25	10	RMG 25 010 2
	30	RMG 25 030 2
	300	RMG 25 300 2
40	30	RMG 40 030 2
	300	RMG 40 300 2
	300	RMG 40 300 2
63	30	RMG 63 030 2
	100	RMG 63 100 2
	300	RMG 63 300 2
80	30	RMG 80 030 2
	100	RMG 80 100 2
	300	RMG 80 300 2
100	30	RMG 100 030 2
	100	RMG 100 100 2
	300	RMG 100 300 2
80	100	
time delayed		23111 (50-70mS)
100	300	
time delayed		23116 (50-70mS)

type RMG rcd - four pole

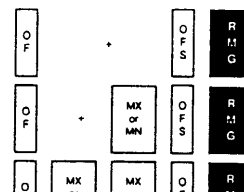
rating (A)	sensitivity (mA)	part n°.
25	30	RMG 25 030 4
	300	RMG 25 300 4
40	30	RMG 40 030 4
	300	RMG 40 300 4
63	30	RMG 63 030 4
	100	RMG 63 100 4
	300	RMG 63 300 4

electrical auxiliaries
for 2P and 4P RMG type
residual current devices

Only for 63A and above



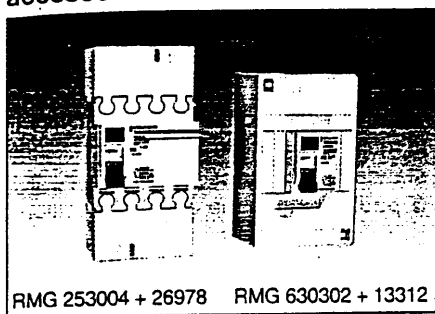
Arrangement of auxiliaries



accessories and enclosures for RMG residual current devices

- ▼ metal
❖ all-insulated

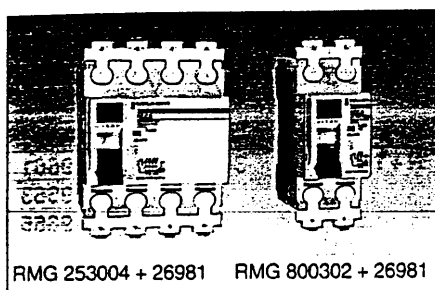
accessories



RMG 253004 + 26978 RMG 630302 + 13312

- terminal shields
 - ☐ two-piece: completely covers terminals (cannot be fitted to 100A 2 pole unit)
 - ☐ one-piece: completely covers terminals
 - padlocking attachment (not shown)
 - padlock (not shown)
 - dimensions see page 130

	part n°.
Two piece unit for use with 2P RMG rcds (except 100A unit)	26976
Two piece unit for use with 4P RMG rcds	26978
One piece unit for use with 2P RMG rcds (IP30 enclosure)	13312
One piece unit for use with 4P RMG rcds (IP30 enclosure)	13314
Padlocking attachment	20719
Padlock with 2 keys	MGPL
Spare key for MGPL	MGPLSK



RMG 253004 + 26981 RMG 800302 + 26981

- sealable terminal screw shield
Enables total isolation of the terminal screws. 2P and 4P RMG rcds only.

	part n°.
for use with 2P and 4P RMG rcds (bag of 8 shields)	26981

enclosures (see page 113 for full range)



- ▼ G9 enclosure IP30
Made from folded steel, epoxy powder coated.
Degree of protection: IP30.
It consists of:
 - ☐ a back plate with DIN rail

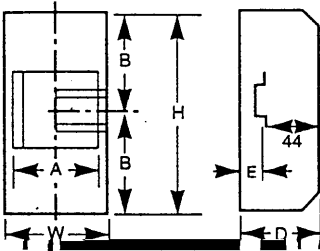
capacity (poles)	9mm modules	part n°.
4	8	14599
5	11	14603
2*3	4-6*	99560

*blanking plate supplied

dimensions

enclosures
Mini Opale
G9
A Series
EK9

Mini Opale enclosures

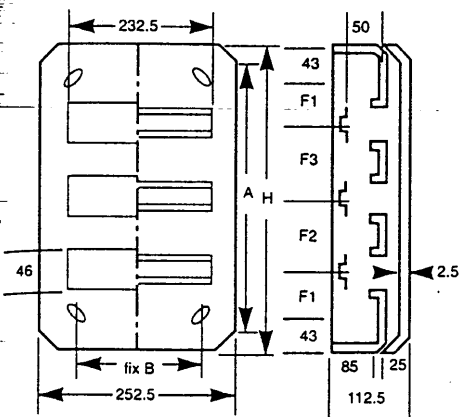


dimensions (mm)						
Part no.	H	W	D	A	B	E
13312	130	44	57	36	65	11
13314	130	80	57	72	65	11
13316	160	119	65	108	80	19
13318	160	155	65	151	80	19

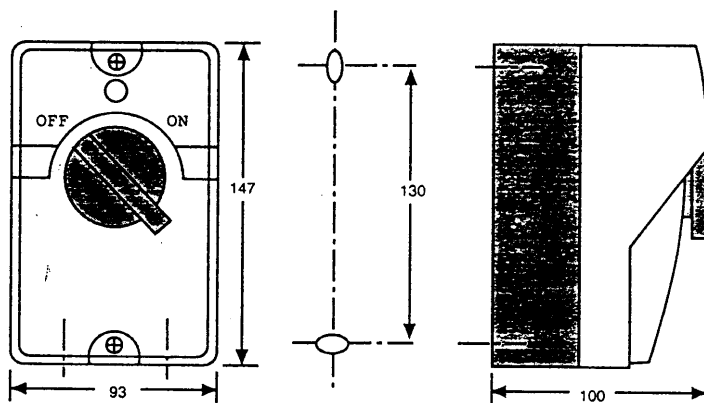
Opale distribution enclosures

dimensions (mm)

Part no.	H	A	B	F1	F2	F3
13401 (1 row)	225	143	183.5	69		
13402 (2 rows)	350	272	174	69	125	
13403 (3 rows)	475	397	174	69	125	125



P25M enclosures



UP

dimensions (mm)	H	L	P	J	K	A	I	F	G	C
Part no.										
02504/02514	400	300	200	375	150	325	225	380	260	137
02505/02515	500	400	200	475	250	425	325	480	360	112
02506/02516	600	400	250	575	250	525	325	580	360	170
02507/02517	700	500	300	675	350	625	425	680	460	145
02508/02518	800	600	300	775	450	725	525	780	560	195

