

# EATON | MEM

## Enclosed Series G MCCB's

Product aid

Incorporating Eaton's high performance Series 'G' MCCB's. These ready assembled Enclosed MCCB units, including earth leakage versions offer simple and swift installation.

The Earth leakage modules provide early indication of a potential ground fault, having an alarm function and built in indication that >50% of the set Earth leakage value has been reached. The modules have adjustable settings and adjustable time delay. The built in earth leakage functionality offers enhanced protection for both plant and personnel.

### Characteristics

- Current ratings from 63A – 630A
- 1, 3 and 4P variants
- Integrated Earth Leakage versions in current ratings — 100A, 160A & 250A
- Type tested to IEC60439-1 KEMA Short circuit tested
- Clear large rating label fitted
- Front access to EL reset button
- IP3X construction
- KEMA short circuit testing — IEC60439-1 clause 8.2.3
- 1.5mm Steel Industrial enclosure & 2mm steel cover
- RAL 7004 epoxy polyester finish (light grey)
- Removable Neutral link (1 & 3P)

### Applications

- Industrial and commercial applications for control of power circuits
- Earth leakage versions for enhanced protection. Adjustable sensitivity and time delay settings for discrimination with other RCD devices

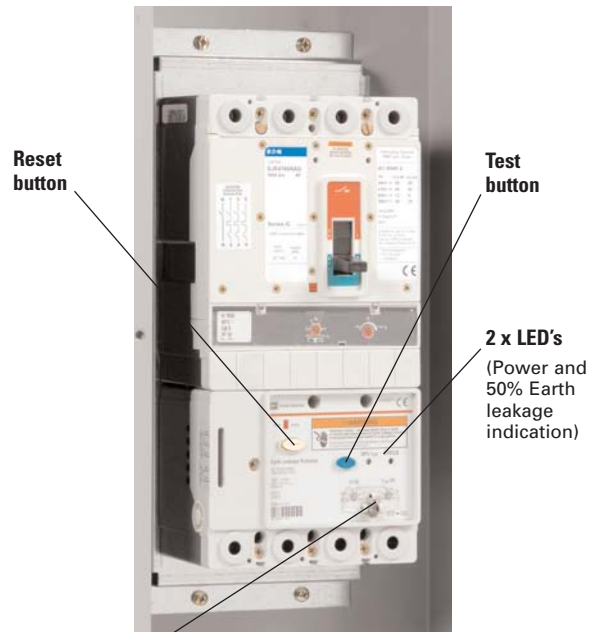


## Product range

Description	Current rating (A)	Pole configuration	Eaton List Number
Enclosed MCCB	63	1	GEE1063FFGE
Enclosed MCCB	63	3	GEE3063FFGE
Enclosed MCCB	63	4	GEE4063FFGE
Enclosed MCCB	80	1	GEE1080FFGE
Enclosed MCCB	80	3	GEE3080FFGE
Enclosed MCCB	80	4	GEE4080FFGE
Enclosed MCCB	100	1	GEE1100FFGE
Enclosed MCCB	100	3	GEE3100FFGE
Enclosed MCCB	100	4	GEE4100FFGE
Enclosed MCCB	125	1	GEE1125FFGE
Enclosed MCCB	125	3	GEE3125FFGE
Enclosed MCCB	125	4	GEE4125FFGE
Enclosed MCCB	160	3	GJS3160AAGE
Enclosed MCCB	160	4	GJS4160AAGE
Enclosed MCCB	200	3	GJS3200AAGE
Enclosed MCCB	200	4	GJS4200AAGE
Enclosed MCCB	250	3	GJS3250AAGE
Enclosed MCCB	250	4	GJS4250AAGE
Enclosed MCCB	100	4	GJS4100AAGER <sup>1</sup>
Enclosed MCCB	160	4	GJS4160AAGER <sup>1</sup>
Enclosed MCCB	250	4	GJS4250AAGER <sup>1</sup>
Enclosed MCCB	400	3	GLS3400AAGE
Enclosed MCCB	400	4	GLS4400AAGE
Enclosed MCCB	630	3	GLS3630AAGE
Enclosed MCCB	630	4	GLS4630AAGE

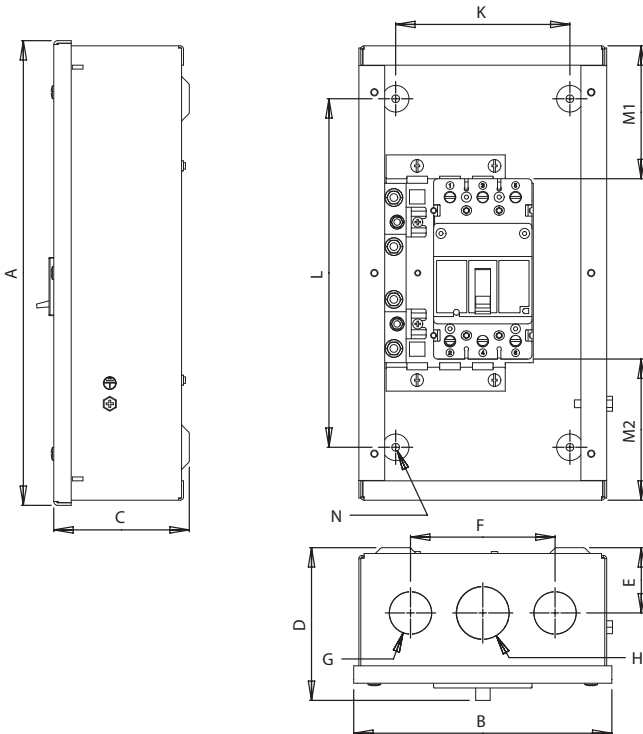
<sup>1</sup>Complete with earth leakage module fitted

## Earth leakage relay functionality



Earth leakage (A) setting 30mA – 10A  
 Time delay setting 0 – 1 sec  
 Two alarm contacts as standard  
 50% pre-trip alarm  
 100% full trip alarm

## Dimensional information



Type dim	GEE1...FFGE.. GEE4...FFGE	GJS3...AAGE GJS4...AAGE	GJS4...AAGER	GLS3...AAGE GLS4...AAGE
A	360	590	700	1000
B	200	260	260	400
C	105	119	119	150
D	120	146	146	184
E	50.5	56.5	56.5	–
F	112	–	–	–
G	33dia.	–	–	–
H	41dia.	41dia/51dia	41dia/51dia	RGP*
K	135	170	170	310
L	270	500	610	900
N	6dia.	6dia.	6dia.	6dia.
M1	103	205	202	363
M2	109	198	202	372
Neutral stud	M6	M8	–	M12
Earth stud	M6	M8	M8	M10

\*Removable gland plate

## Cabling information

MCCB frame	Rating (A)	Max Cable Size
GE frame sizes	63A – 125A	70mm <sup>2</sup>
GJ frame sizes	100A – 250A	150mm <sup>2</sup>
GL frame size	400A	240mm <sup>2</sup>
GL frame size	630A	2 x 240mm <sup>2</sup>

Eaton Electric Limited  
 Reddings Lane  
 Birmingham B11 3EZ  
 United Kingdom



Customer Support Centre  
 Tel: +44 (0)8700 545 333  
 Fax: +44 (0)8700 540 333  
 email: ukcommorders@eaton.com

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