

**Description**

Protection and control of circuits against overloads and short circuits in domestic, commercial and industrial applications.

**Technical data**

MTxxxA = type B tripping  
MUxxxA = type C tripping  
according to IEC 60 898 and BSEN 60-898

Reference calibration  
Temperature : 30°C

**Breaking capacity :**

6kA IEC 60 898  
10kA IEC 60 947-2  
22KAIC NEMA AB-1  
Voltage rating : 230/400V  
Current rating : 2-63A  
Mechanical endurance :  
20 000 operations


**Connection capacity :**

25mm<sup>2</sup> rigid conductor  
16mm<sup>2</sup> flexible conductor

Will accept accessories, shunt trips, auxiliary contact.


**Approval :**

KEMA  
SNI  
LMK

Designation	In/A	Width in 17.5mm	Pack qty.	Cat. Ref. B curve	Cat. Ref. C curve
<b>Single pole MCB</b> 	2	1	12	-	MU102A
	4	1	12	-	MU104A
	6	1	12	MT106A	MU106A
	10	1	12	MT110A	MU110A
	16	1	12	MT116A	MU116A
	20	1	12	MT120A	MU120A
	25	1	12	MT125A	MU125A
	32	1	12	MT132A	MU132A
	40	1	12	MT140A	MU140A
	50	1	12	MT150A	MU150A
63	1	12	MT163A	MU163A	




MT106A

<b>Double pole MCB</b> 	2	2	6	-	MU202A
	4	2	6	-	MU204A
	6	2	6	MT206A	MU206A
	10	2	6	MT210A	MU210A
	16	2	6	MT216A	MU216A
	20	2	6	MT220A	MU220A
	25	2	6	MT225A	MU225A
	32	2	6	MT232A	MU232A
	40	2	6	MT240A	MU240A
	50	2	6	MT250A	MU250A
63	2	6	MT263A	MU263A	



MT232A

<b>Triple pole MCB</b> 	2	3	4	-	MU302A
	4	3	4	-	MU304A
	6	3	4	MT306A	MU306A
	10	3	4	MT310A	MU310A
	16	3	4	MT316A	MU316A
	20	3	4	MT320A	MU320A
	25	3	4	MT325A	MU325A
	32	3	4	MT332A	MU332A
	40	3	4	MT340A	MU340A
	50	3	4	MT350A	MU350A
63	3	4	MT363A	MU363A	



MT363A

**Description**

Protection and control of circuits against overloads and short circuits in domestic, commercial and industrial electrical distribution systems.

**Technical data**

NBxxxA = type B tripping  
NCxxxA = type C tripping  
according to IEC898 and BSEN 60-898

**Breaking capacity :**









10kA according to IEC 60 898  
15kA according to IEC 60 947-2  
  
30kAIC according to NEMA AB-1  
Reference calibration  
Temperature : 30°C  
Voltage rating : 230/400V  
Current rating : 0.5 - 63A  
Mechanical endurance :  
20 000 operations

Positive contact indication

Red - contacts closed  
Green - contacts open  
Will accept accessories, shunt trips, auxiliary contact.  
see page 12

**Connection capacity**

(up to 63A) :  
25mm<sup>2</sup> rigid conductor  
16mm<sup>2</sup> flexible conductor

Designation	In/A	Width in 17.5mm	Pack qty.	Cat. Ref. B curve	Cat. Ref. C curve
<b>Single pole MCB</b>					
 	0.5	1	12	-	NC100A
	1	1	12	-	NC101A
	2	1	12	-	NC102A
	3	1	12	-	NC103A
	4	1	12	-	NC104A
	6	1	12	NB106A	NC106A
	10	1	12	NB110A	NC110A
	16	1	12	NB116A	NC116A
	20	1	12	NB120A	NC120A
	25	1	12	NB125A	NC125A
	32	1	12	NB132A	NC132A
	40	1	12	NB140A	NC140A
	50	1	12	NB150A	NC150A
	63	1	12	NB163A	NC163A
<b>Double pole MCB</b>					
 	0.5	2	6	-	NC200A
	1	2	6	-	NC201A
	2	2	6	-	NC202A
	3	2	6	-	NC203A
	4	2	6	-	NC204A
	6	2	6	NB206A	NC206A
	10	2	6	NB210A	NC210A
	16	2	6	NB216A	NC216A
	20	2	6	NB220A	NC220A
	25	2	6	NB225A	NC225A
	32	2	6	NB232A	NC232A
	40	2	6	NB240A	NC240A
	50	2	6	NB250A	NC250A
	63	2	6	NB263A	NC263A
<b>Triple pole MCB</b>					
 	0.5	3	4	-	NC300A
	1	3	4	-	NC301A
	2	3	4	-	NC302A
	3	3	4	-	NC303A
	4	3	4	-	NC304A
	6	3	4	NB306A	NC306A
	10	3	4	NB310A	NC310A
	16	3	4	NB316A	NC316A
	20	3	4	NB320A	NC320A
	25	3	4	NB325A	NC325A
	32	3	4	NB332A	NC332A
	40	3	4	NB340A	NC340A
	50	3	4	NB350A	NC350A
	63	3	4	NB363A	NC363A
<b>Four pole MCB</b>					
 	0.5	4	3	-	NC400A
	1	4	3	-	NC401A
	2	4	3	-	NC402A
	3	4	3	-	NC403A
	4	4	3	-	NC404A
	6	4	3	NB406A	NC406A
	10	4	3	NB410A	NC410A
	16	4	3	NB416A	NC416A
	20	4	3	NB420A	NC420A
	25	4	3	NB425A	NC425A
	32	4	3	NB432A	NC432A
	40	4	3	NB440A	NC440A
	50	4	3	NB450A	NC450A
	63	4	3	NB463A	NC463A

NB110A NC110A

NC210A

NC310A

NB410A

### Description

To open a circuit automatically in the case of an earth leakage fault between phase and earth and / or neutral greater or equal to 10, 30, 100, 300 or 500mA; use in domestic, commercial and industrial installations.

### Technical data

Nominal voltage :  
2 pole 127/230V - 50Hz  
4 pole 230/400V - 50Hz  
specifications : IEC 61008-1 SS97

### Connection capacity :

16-63A rigid 25mm<sup>2</sup>  
flexible 16mm<sup>2</sup>  
80-100A rigid 50mm<sup>2</sup>  
flexible 35mm<sup>2</sup>

Ambient temperature range :  
-5 to + 40°C

### Positive contact indication :

Mechanical indicator, appearing on the front face of the RCCB, linked to the contacts shows the positive opening of all poles, red = contacts closed  
green = contacts open

### Earth fault indicator

Mechanical indicator appearing on the front face of the RCCB to differentiate between tripping and off position  
yellow - tripped

### Nuisance tripping

All the RCCBs are protected against transient voltages (lightning, line disturbances) and transient currents (from high capacitive circuits).  
DC sensitive RCCBs or time delay devices are available, please consult us.  
You also have the possibility to install the following accessories :  
electrical auxiliaries  
terminal cover kit  
locking kit



CD240B



CD440B

	Sensitivity I $\Delta$ n	Current	Pack qty.	Cat.Ref. 2 poles	Pack qty.	Cat. Ref. 4 poles
<b>High sensitivity</b>	10mA	16A	1	<b>CC216B</b>	-	-
		25A	1	<b>CC225B</b>	-	-
	30mA	16A	1	<b>CD216B</b>		
		25A	1	<b>CD225B</b>	1	<b>CD425B</b>
		40A	1	<b>CD240B</b>	1	<b>CD440B</b>
		63A	1	<b>CD263B</b>	1	<b>CD463B</b>
		80A	1	<b>CD280B</b>	1	<b>CD482B</b>
100A	1	<b>CD284B</b>	1	<b>CD485B</b>		
<b>Medium sensitivity</b>	100mA	25A	1	<b>CE225B</b>	1	<b>CE425B</b>
		40A	1	<b>CE240B</b>	1	<b>CE440B</b>
		63A	1	<b>CE263B</b>	1	<b>CE463B</b>
		80A	1	<b>CE280B</b>	1	<b>CE480B</b>
		100A	1	<b>CE284B</b>	1	<b>CE484B</b>
<b>Low sensitivity</b>	300mA	25A	1	<b>CF225B</b>	1	<b>CF425B</b>
		40A	1	<b>CF240B</b>	1	<b>CF440B</b>
		63A	1	<b>CF263B</b>	1	<b>CF463B</b>
		80A	1	<b>CF280B</b>	1	<b>CF480B</b>
		100A	1	<b>CF284B</b>	1	<b>CF484B</b>
<b>Low sensitivity</b>	500mA	25A	1	<b>CG225B</b>	1	<b>CG425B</b>
		40A	1	<b>CG240B</b>	1	<b>CG440B</b>
		63A	1	<b>CG263B</b>	1	<b>CG463B</b>
		80A	1	<b>CG280B</b>	1	<b>CG480B</b>
		100A	1	<b>CG284B</b>	1	<b>CG484B</b>
<b>Terminal cover kit</b> (1 set = 2 covers)		for RCCBs 2		16 to 63A	10 sets	<b>CZN005</b>
		for RCCBs 4		16 to 63A	10 sets	<b>CZN006</b>
		for RCCBs 2		80 to 100A	10 sets	<b>CZ007</b>
		for RCCBs 4		80 to 100A	10 sets	<b>CZ008</b>
<b>Locking kit :</b>				1	<b>MZN175</b>	

Distributed By

**Choo Chiang Marketing Pte Ltd**

(a subsidiary of Choo Chiang Holdings Ltd)

Tel: +65 6368 5922 | fax: +65 6363 5922

Head Office: 10 Woodlands Loop S(738388)

website: [www.choochiang.com](http://www.choochiang.com) | facebook: [facebook.com/choochiang.sg](https://facebook.com/choochiang.sg)



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