

Sheet Steel Enclosed RCBOs

RCBOs have a built in one piece toroidal transformer and earth leakage relay featuring:

- Fully load rated breakers
- BSEN 60947-2, IEC 60439-1 conformity
- Door interlocked padlockable handles
- IP2X terminal shrouds
- Variable tripping current 0.025 - 25A
- Adjustable time delay 0.02 - 5 sec
- Auto or manual trip reset and test button
- 63A-250A Fixed magnetic, adjustable thermal 63-100%
- 400A-1250A Electronic LSI, adjustable 40-100%
- Ingress protection IP55



Nominal Rating I _e 415V	I _{cu} Short circuit breaking	Order Reference TP&N	Trip type	Dimensions (mm) <small>*see inner front cover for reference diagram</small>						
				H	W	D	A	Ø	B Top	B Bottom
63A	16kA	ST MCCB 6/4 ELR	Th/Mag	500	400	200	17	M8	130	230
100A	16kA	ST MCCB 10/4 ELR	Th/Mag	500	400	200	17	M8	130	230
125A	16kA	ST MCCB 12/4 ELR	Th/Mag	600	400	200	17	M8	160	260
160A	16kA	ST MCCB 16/4 ELR	Th/Mag	600	400	200	17	M8	160	260
200A	25kA	ST MCCB 20/4 ELR	Th/Mag	700	500	250	23	M10	200	300
250A	25kA	ST MCCB 25/4 ELR	Th/Mag	700	500	250	23	M10	200	300
400A	50kA	ST MCCB 40/4 ELR	Electronic	1000	600	300	28	M12	240	440
630A	50kA	ST MCCB 63/4 ELR	Electronic	1000	600	300	28	M12	240	440

- 1) Tripping delay time adjustment
- 2) Fault current to earth adjustment
- 3) Dip switches settings:
3a - auto reset - man reset
 auto reset = automatic reset
 man reset = manual reset through the RESET key on the front.
 For remote resetting, simply shut off the auxiliary supply for about 1 second.
3b - tx10 - tx1 constant selection for tripping delay time adjustment.
3c - IΔnx0,1 - IΔnx1 - IΔnx10 constant selection for fault current to earth adjustment. The constants in relation to the position of the 2 dip switches are the following:
 – dip switch position IΔnx0.1 and IΔnx0.1 K = 0.1
 – dip switch position IΔnx1 and IΔnx0.1 K = 1
 – dip switch position IΔnx1 and IΔnx10 K = 10
- 4) Test push-button
- 5) Manual reset push-button
- 6) Signalling lamp of existing auxiliary voltage supply (green LED)
- 7) Signalling lamp of tripped relay (red LED)
- 8) Terminals for auxiliary supply
- 9) Relay output terminals

ELR settings only accessible when switch is in the 'OFF' position.

