

Loadline MCCB YA3 Frame

Main Features

- Exceeds the requirements of EN 60947-2
- Single-pole MCCBs have fixed thermal and magnetic overloads
- Three-pole and four-pole MCCBs have adjustable thermal and magnetic overloads
- Thermal overload adjusts to $1 \times I_n$, $0.8 \times I_n$ and $0.63 \times I_n$
- Ultimate breaking capacity available as 25kA, 36kA and 65kA at 415V AC
- Maximum cable termination is 120mm² with cable clamps (optional accessory)
- Maximum cable termination is 150mm² with M8 reduced palm width cable lugs
- Standard cable terminations is 95mm² using M8 lugs
- Rated insulation voltage is 800V AC (Ui)

Current Rating (A)				
Max (A)	Min (A)	1-pole Product Code	3-pole Product Code	4-pole Product Code
Switch Disconnecter				
250	-	-	YA3B3P250D	YA3B4P250D
YA3 Frame MCCB Thermal / Magnetic - Icu 25kA				
16	16	YA3N1P16T	-	-
20	13	YA3N1P20T	YA3N3P20T	YA3N4P20T
32	20	YA3N1P32T	YA3N3P32T	YA3N4P32T
40	25	YA3N1P40T	-	-
50	32	YA3N1P50T	YA3N3P50T	YA3N4P50T
63	40	YA3N1P63T	YA3N3P63T	YA3N4P63T
80	50	YA3N1P80T	-	-
100	63	YA3N1P100T	YA3N3P100T	YA3N4P100T
125	80	YA3N1P125T	YA3N3P125T	YA3N4P125T
160	100	YA3N1P160T	YA3N3P160T	YA3N4P160T
200	125	-	YA3N3P200T	YA3N4P200T
250	160	-	YA3N3P250T	YA3N4P250T
YA3 Frame MCCB Thermal / Magnetic - Icu 36kA				
50	32	-	YA3S3P50T	YA3S4P50T
63	40	-	YA3S3P63T	YA3S4P63T
100	63	-	YA3S3P100T	YA3S4P100T
125	80	-	YA3S3P125T	YA3S4P125T
160	100	-	YA3S3P160T	YA3S4P160T
200	125	-	YA3S3P200T	YA3S4P200T
250	160	-	YA3S3P250T	YA3S4P250T
YA3 Frame MCCB Thermal / Magnetic - Icu 65kA				
50	32	-	YA3J3P50T	YA3J4P50T
63	40	-	YA3J3P63T	YA3J4P63T
100	63	-	YA3J3P100T	YA3J4P100T
125	80	-	YA3J3P125T	YA3J4P125T
160	100	-	YA3J3P160T	YA3J4P160T
200	125	-	YA3J3P200T	YA3J4P200T
250	160	-	YA3J3P250T	YA3J4P250T

Note: Please be advised that the 25kA and 36kA rated 3-pole and 4-pole YA3 frame MCCBs are due for phase out during 2014. These have been replaced with the new YB3 Frame size MCCBs. The single-pole 25kA, three-pole and 4-pole 65kA rated devices will still be available as normal.



Circuit Protection



Loadline MCCB YA3 Frame accessories

Description	1 pole Product Code	3 pole Product Code	4 pole Product Code
Cable Clamps			
YA3 Cable clamps set	-	YA3CC3P	YA3CC4P
Terminals and Protection			
YA3 Terminal shroud for cable lugs	YA3TS1P	YA3TS3P	YA3TS4P
YA3 Interphase barrier (1 Off)	YA3TB		
YA3 Terminal shroud for cable clamps	YA3TS1P	YA3TS3P	YA3TS4P
YA3 Rear terminals	-	YA3RT3P	YA3RT4P
YA3 Extension terminals	-	YA3XT3P	YA3XT4P
Plug-in Units			
YA3 Plug-in MCCB conversion	-	YA3PT3P	YA3PT4P
YA3 Plug-in base	-	YA3PB3P	YA3PB4P
YA3 Plug-in base extension terminals	-	YA3PXT3P	YA3PXT4P
YA3 Plug-in base right angle terminals	-	YA3PRA3P	YA3PRA4P
Accessories			
YA3 Handle lock (3 and 4 pole only)	-	YADL1	
YA3 Neutral link	-	YA3NL	
YA3 Panel mounted rotary handle for maximum 453mm panel depth	-	YA3RH453	
Shunt Trips			
YA Frame 100-120V AC *	-	YAST115AC	
YA Frame 200-240V AC *	-	YAST240AC	
YA Frame 380-450V AC *	-	YAST450AC	
YA Frame 24V DC *	-	YAST24DC	
Auxiliary and Alarm Switches			
YA Auxiliary changeover switch (AC 240V/3A, DC 125V/0.4A) *	-	YAAUX1	
YA Alarm trip indicator changeover switch (AC 240V/3A, DC 125V/0.4A) *	-	YAAL	
Under-voltage Release			
YA Frame Under-voltage release 100-120V AC *	-	YAUVR120AC	
YA Frame Under-voltage release 200-240V AC *	-	YAUVR240AC	
YA Frame Under-voltage release 380-450V AC *	-	YAUVR450AC	
YA Frame Under-voltage release 24V DC *	-	YAUVR24DC	
Motors and Interlocks			
YA3 Motor actuator 100-110V AC	-	YA3MA110	
YA3 Motor actuator 200-240V AC	-	YA3MA240	
YA3 Mechanical interlock, link type for RHS MCCB	-	YA3MLR	
YA3 Mechanical interlock, link type for LHS MCCB	-	YA3ML3PL	YA3ML4P
YA3 Mechanical interlock, manual slide type (3 Pole or 4 Pole)	-	YA3MS3P	YA3MS4P
YA3 Mechanical interlock, wire type mechanism (1 per MCCB required)	-	YA3MW	

Note: Please be advised that MCCBs can be fitted with either a shunt trip or an under-voltage release device; however the MCCB cannot house both of these together.

* Common accessories for YA2, YA3 and YA5 frame MCCBs.