

Loadline MCCB

YA2 Frame

Circuit Protection

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 x I_n, 0.8 x I_n and 0.63 x I_n
- Ultimate breaking capacity available as 25kA, 36kA and 65kA at 415V AC
- Maximum cable termination is 50mm² with cable clamps (optional accessory)
- Maximum cable termination is 95mm² with M8 reduced palm width cable lugs
- Standard cable termination is 35mm² using M8 lugs
- Rated insulation voltage is 800V AC (U_i)



Current Rating (A)				
Max (A)	Min (A)	1-pole Product Code	3-pole Product Code	4-pole Product Code
YA2 Frame MCCB Thermal / Magnetic - Icu 25kA				
16	-	YA2N1P16T	-	-
20	-	YA2N1P20T	-	-
32	-	YA2N1P32T	-	-
50	-	YA2N1P50T	-	-
63	-	YA2N1P63T	-	-
80	-	YA2N1P80T	-	-
100	-	YA2N1P100T	-	-
125	-	YA2N1P125T	-	-
YA2 Frame MCCB Thermal / Magnetic - Icu 36kA				
20	13	-	YA2S3P20T	YA2S4P20T
32	20	-	YA2S3P32T	YA2S4P32T
50	32	-	YA2S3P50T	YA2S4P50T
63	40	-	YA2S3P63T	YA2S4P63T
100	63	-	YA2S3P100T	YA2S4P100T
125	80	-	YA2S3P125T	YA2S4P125T
YA2 Frame MCCB Thermal / Magnetic - Icu 65kA				
20	13	-	YA2J3P20T	YA2J4P20T
32	20	-	YA2J3P32T	YA2J4P32T
50	32	-	YA2J3P50T	YA2J4P50T
63	40	-	YA2J3P63T	YA2J4P63T
100	63	-	YA2J3P100T	YA2J4P100T
125	80	-	YA2J3P125T	YA2J4P125T

Loadline MCCB YA2 Frame accessories



Description	1 pole Product Code	3 pole Product Code	4 pole Product Code
Cable Clamps			
YA2 Cable clamps set	-	YA2CC3P	YA2CC4P
Terminals and Protection			
YA2 Terminal shroud for cable lugs	YA2TS1P	YA2TS3P	YA2TS4P
YA2 Interphase barrier (1 Off)	YA2TB	YA2TB	YA2TB
YA2 Terminal shroud for cable clamps	YA2TS1P	YA2TS3P	YA2TS4P
YA2 Rear terminals	-	YA2RT3P	YA2RT4P
YA2 Extension terminals	-	YA2XT3P	YA2XT4P
Plug-in Units			
YA2 Plug-in MCCB conversion	-	YA2PT3P	YA2PT4P
YA2 Plug-in base	-	YA2PB3P	YA2PB4P
YA2 Plug-in base extension terminals	-	YA2PXT3P	YA2PXT4P
YA2 Plug-in base right angle terminals	-	YA2PRA3P	YA2PRA4P
Accessories			
YA2 Handle lock (3 and 4 pole only)	-	YADL1	YADL1
YA2 Neutral link	YA2NL	YA2NL	YA2NL
YA2 Panel mounted rotary handle for maximum 453mm panel depth	-	YA2RH453	YA2RH453
Castell cam for panel mounted rotary handle	-	YABCLCAM	YABCLCAM
Shunt Trips			
YA Frame 100-120V AC	-	YAST115AC	YAST115AC
YA Frame 200-240V AC	-	YAST240AC	YAST240AC
YA Frame 380-450V AC	-	YAST450AC	YAST450AC
YA Frame 24V DC	-	YAST24DC	YAST24DC
Auxiliary and Alarm Switches			
YA Auxiliary changeover switch (AC 240V/3A, DC 125V/0.4A)	-	YAAUX1	YAAUX1
YA Alarm trip indicator changeover switch (AC 240V/3A, DC 125V/0.4A)	-	YAAL	YAAL
Under-voltage Release			
YA Frame Under-voltage release 100-120V AC	-	YAUVR120AC	YAUVR120AC
YA Frame Under-voltage release 200-240V AC	-	YAUVR240AC	YAUVR240AC
YA Frame Under-voltage release 380-450V AC	-	YAUVR450AC	YAUVR450AC
YA Frame Under-voltage release 24V DC	-	YAUVR24DC	YAUVR24DC
Motors and Interlocks			
YA2 Motor actuator 100-110V AC	-	YA2MA110	YA2MA110
YA2 Motor actuator 200-240V AC	-	YA2MA240	YA2MA240
YA2 Mechanical interlock, link type for RHS MCCB	-	YA2MLR	YA2MLR
YA2 Mechanical interlock, link type for LHS MCCB	-	YA2ML3PL	YA2ML4P
YA2 Mechanical interlock, manual slide type (3 Pole or 4 Pole)	-	YA2MS3P	YA2MS4P
YA2 Mechanical interlock, wire type mechanism (1 per MCCB required)	-	YA2MW	
YA2 Wire interlock Cable 1 metre long	-	YAMWC1	YAMWC1
YA2 Wire interlock Cable 1.5 metre long	-	YAMWC2	YAMWC2

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.