

## 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 x I<sub>n</sub>, 0.8 x I<sub>n</sub> and 0.63 x I<sub>n</sub>
- Ultimate breaking capacity available as 25kA and 65kA at 415V AC
- Maximum cable termination is 120mm<sup>2</sup> with cable clamps (optional accessory)
- Maximum cable termination is 150mm<sup>2</sup> with M8 reduced palm width cable lugs
- Standard cable terminations is 95mm<sup>2</sup> using M8 lugs
- Rated insulation voltage is 800V AC (U<sub>i</sub>)

Current Rating (A)		1-pole Product Code	3-pole Product Code	4-pole Product Code
Max (A)	Min (A)			
<b>YA3 Frame MCCB Thermal / Magnetic - Icu 25kA</b>				
16	-	YA3NIP16T	-	-
20	-	YA3NIP20T	-	-
32	-	YA3NIP32T	-	-
40	-	YA3NIP40T	-	-
50	-	YA3NIP50T	-	-
63	-	YA3NIP63T	-	-
80	-	YA3NIP80T	-	-
100	-	YA3NIP100T	-	-
125	-	YA3NIP125T	-	-
160	-	YA3NIP160T	-	-
<b>YA3 Frame MCCB Thermal / Magnetic - Icu 36kA</b>				
20	13	-	YA3S3P20T	-
32	20	-	YA3S3P32T	-
<b>YA3 Frame MCCB Thermal / Magnetic - Icu 65kA</b>				
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



## Loadline MCCB YA3 Frame accessories



Description	1 pole Product Code	3 pole Product Code	4 pole Product Code
<b>Cable Clamps</b>			
YA3 Cable clamps set	-	YA3CC3P	YA3CC4P
<b>Terminals and Protection</b>			
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
<b>Plug-in Units</b>			
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
<b>Accessories</b>			
YA3 Handle lock	-	YADL1	
YA3 Neutral link	-	YA3NL	
YA3 Panel mounted rotary handle for maximum 453mm panel depth	-	YA3RH453	
Castell cam for panel mounted rotary handle	-	YABCLCAM	YABCLCAM
<b>Shunt Trips</b>			
YA Frame 100-120V AC	-	YAST115AC	
YA Frame 200-240V AC	-	YAST240AC	
YA Frame 380-450V AC	-	YAST450AC	
YA Frame 24V DC	-	YAST24DC	
<b>Auxiliary and Alarm Switches</b>			
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	
<b>Under-voltage Release</b>			
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	
<b>Motors and Interlocks</b>			
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	
YA3 Wire interlock Cable 1 metre long	-	YAMWC1	YAMWC1
YA3 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.