

## Loadline MCCB YA7 Frame

### Main Features

- Exceeds the requirements of EN 60947-2
- Electronic MCCBs have adjustable long, short and instantaneous trip functions
- Long time overload adjusts between  $1 \times I_n$  and  $0.4 \times I_n$  for electronic devices
- Electronic MCCBs are utilisation category B and are specifically intended for discrimination
- Ultimate breaking capacities available are 50kA and 70kA at 415V AC for electronic MCCBs
- Maximum cable termination is 300mm<sup>2</sup> with reduced palm width cable lugs
- Rated operational voltage is 690V AC (U<sub>e</sub>)
- Rated insulation voltage is 800V AC (U<sub>i</sub>)

Current Rating (A)			
Max (A)	Min (A)	3-pole Product Code	4-pole Product Code
<b>Switch Disconnecter</b>			
800	-	YA7B3P800D	YA7B4P800D
1250	-	YA7B3P1250D	YA7B4P1250D
<b>YA7 Frame MCCB Electronic - Icu 50kA</b>			
800	320	YA7H3P800E	YA7H4P800E
1250	500	YA7H3P1250E	YA7H4P1250E
<b>YA7 Frame MCCB Electronic - Icu 70kA</b>			
1250	500	YA7K3P1250E	YA7K4P1250E

Ground fault protection is available on electronic MCCBs. To specify Ground Fault required please add a "G" to the end of the product code e.g. YA7H3P1250EG



## Loadline MCCB YA8 Frame

### Main features

- Exceeds the requirements of EN 60947-2
- Electronic MCCBs have adjustable long time, short time and instantaneous trip functions
- Long time overload adjusts between  $1 \times I_n$  and  $0.4 \times I_n$  for electronic devices
- Electronic MCCBs are utilisation category B and are specifically intended for discrimination
- Ultimate breaking capacities available are 50kA and 85kA at 415V AC for electronic MCCBs
- Maximum cable termination is 300mm<sup>2</sup> with reduced palm width cable lugs
- Rated operational voltage is 690V AC (U<sub>e</sub>)
- Rated insulation voltage is 800V AC (U<sub>i</sub>)

Current Ratng (A)			Type		
	Max (A)	Min (A)		3-pole Product Code	4-pole Product Code
Switch Disconnecter					
1250	1250	-	Front Terminals	YA8B3P1250D	YA8B4P1250D
1600	1600	-	Front Terminals	YA8B3P1600D	YA6B4P1600D
1600	1600	-	Rear Terminals	YA8B3P1600DR	YA8B4P1600DR
YA8 Frame MCCB Electronic - Icu 50kA					
1250	1250	500	Front Terminals	YA8H3P1250E	YA8H4P1250E
1600	1600	640	Front Terminals	YA8H3P1600E	YA8H4P1600E
1600	1600	640	Rear Terminals	YA8H3P1600ER	YA8H4P1600ER
YA8 Frame MCCB Electronic - Icu 85kA					
1600	1600	640	Front Terminals	YA8K3P1600E	YA8K4P1600E
1600	1600	640	Rear Terminals	YA8K3P1600ER	YA8K4P1600ER

Ground fault protection is available on electronic YA8 frame MCCBs. To specify ground fault please add "G" after the letter "E" in the product code e.g. YA8H3P1600EG and YA8H3P1600EGR.



## Circuit Protection



## Loadline MCCB YA7 and YA8 Frame accessories

Description	3-pole Product Code	4-pole Product Code
<b>Terminals and Protection</b>		
YA7 Terminal shroud for cable lugs	YA7TS3P	YA7TS4P
YA7 / YA8 Interphase barrier (1 off)	YA5TB	YA5TB
<b>Accessories</b>		
YA7 / YA8 Handle lock	YA7DL	YA7DL
Castell * locking cam for panel mounted rotary handle	YABCLCAM	YABCLCAM
YA7 and YA8 Neutral Link	YA7NL	YA7NL
YA7 Panel mounted rotary handle for 513mm panel depth	YA7RH513	YA7RH513
YA8 Panel mounted rotary handle for 532mm panel depth	YA7RH513	YA7RH513
<b>Shunt Trips</b>		
YA7 / YA8 Frame 100-120V AC	YA7ST120AC	YA7ST120AC
YA7 / YA8 Frame 200-240V AC	YA7ST240AC	YA7ST240AC
YA7 / YA8 Frame 24V DC	YA7ST24DC	YA7ST24DC
<b>Auxiliary and Alarm Switches</b>		
YA7 / YA8 3 terminal changeover auxiliary switch that indicates ON or OFF status of the MCCB. 3A resistive load or 2A inductive load at 240Vac 0.4A resistive load or 0.05 inductive load at 125Vdc.	YAAUX1	YAAUX1
YA7 / YA8 3 terminal changeover alarm switch that indicates TRIP status of the MCCB. 3A resistive load or 2A inductive load at 240Vac 0.4A resistive load or 0.05 inductive load at 125Vdc.	YAAL	YAAL
<b>Under-voltage Release</b>		
YA7 / YA8 Under-voltage release 100-110V AC	YA6UVR110AC	YA6UVR110AC
YA7 / YA8 Under-voltage release 230-240V AC	YA6UVR240AC	YA6UVR240AC
YA7 / YA8 Under-voltage release 380-415V AC	YA6UVR415AC	YA6UVR415AC
YA7 / YA8 Under-voltage release 24V DC	YA6UVR24DC	YA6UVR24DC
YA7 / YA8 Under-voltage release 100-120V DC	YA6UVR120DC	YA6UVR120DC
YA7 / YA8 Under-voltage release 200-240V DC	YA6UVR240DC	YA6UVR240DC
<b>Motors and Interlocks</b>		
YA7 / YA8 Motor actuator 100-115V AC	YA7MA115	YA7MA115
YA7 / YA8 Motor actuator 200-230V AC	YA7MA230	YA7MA230
YA7 / YA8 Motor actuator 240V AC	YA7MA240	YA7MA240
YA7 / YA8 Slide type interlock (one between two MCCBs)	YA7MS3P	YA7MS4P

## Loadline MCCB YA7 Frame enclosure

### Main features

- To house YA7 MCCB up to 1000A with metering facility
- Enclosure allows for DIN-rail multi-function meter and/or earth leakage device (ELRP/S-24/240)
- Single and core balanced current transformers integrally housed.
- Meets the requirements of EN 60947-2 and EN 61439-1
- Terminal extension LLGPYA7EXT available for 630mm cables
- Height = 1273mm, Width = 500mm and Depth = 210mm
- Metering achieved via meter mounting plate LLGPMP

Description	Product Code	Matching CT
YA7 MCCB enclosure	LLGPYA7	N/A
Meter mounting plate	LLGPMP	N/A
DIN-rail multi-function meter with pulse and Modbus	Ri3-01	MR-85 single CT range
Earth Leakage Relay Device	ELRP/S-24/240	CBT-94F-140
Neutral Link (if required)	YA7NL	N/A