

UM (V-EA) and MA Accessories

For mounting instructions please refer to page 43.



UL Listed
E137938



Auxiliary Contact, Alarm Switch

Type/ Cat No.	Description	Contacts Type	Std Pk
H10UM	1 Auxiliary Contact	1NO	6
H11UM	2 Auxiliary Contacts	1NO + 1NC	6
H12UM	3 Auxiliary Contacts	1NO + 2NC	6
H21UM	3 Auxiliary Contacts	2NO + 1NC	6
HLS11M*	1 Auxiliary/1 Signal Contacts	1CO + 1CO (Signal)	6

Rated Operating Currents
10A @ 240V AC
3A @ 110V DC
1A @ 220V DC

Minimum Contact Load 1mA @ 24V DC

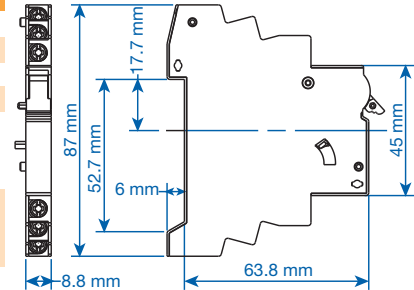
Torque max. 0.8Nm (7 lb.in)

Wire Range:

Single Wire 1.0mm² - 2.5mm² (18-14 AWG)

Stranded Wire 1.0mm² - 1.5mm² (18-16 AWG)

Stranded Wire with Ferrule 1.0mm² - 1.5mm² (18-16 AWG)

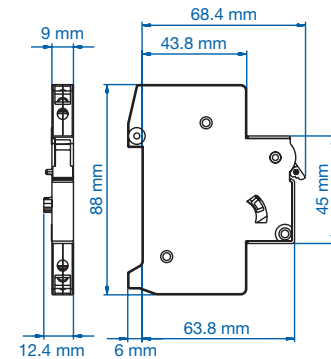


Dimensions HxxUM.



Shunt Trip

Type/ Cat No.	Rated Voltage U _N	Max. Operating Current @ U _N	Std Pk
FA12UM	12V AC/DC	1.3A	5
FA24UM	24V AC/DC	0.6A	5
FA48UM	48 - 72V AC/DC	0.2A	5
FA110UM	110 - 240V AC/DC, 277V AC	0.25A @ 110V 0.5A @ 240V 0.58A @ 277V	5



Dimensions HLS11M.



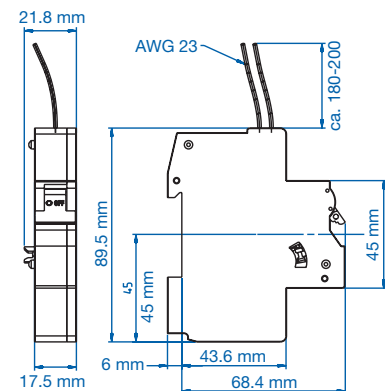
Undervoltage Trip*

Type/ Cat No.	Line Voltage V _E	Std Pk
UA120UM	120V AC, 60Hz	5

Reset-Hold Voltage = 0.85 x V_E

Drop-Out Voltage = 0.35 ~ 0.7 x V_E

V_E = Rated Voltage



Dimensions UA120UM.

* Not UL approved. ** UM (V-EA) and MA can also be locked in the on and off position by simply using a common lead or meter seal, which gets fed through the hole in the handle and a corresponding hole in the housing.

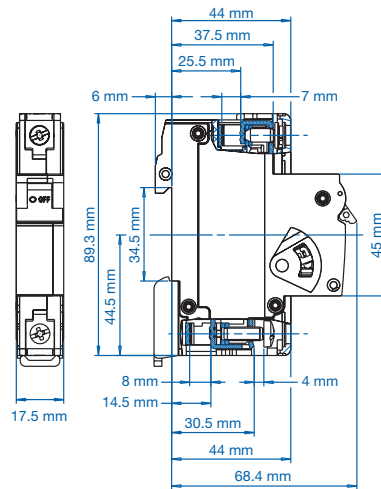
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Neutral Pole

Type/ Cat No.	Rated Current I _N	Rated Voltage U _N	Std Pk
N63UM	0.3 - 63A	480Y/277V AC	6



Dimensions N63UM, FxUM.



Touch Protection Caps

to cover the terminal screw holes on the switching devices, neutral Poles and shunt trips for increased touch protection.

Type/ Cat No.	Std Pk
BS.UL	100

Cooling Spacer



Type/ Cat No.	Std Pk
15.960	1



Mounting Screw 34mm

to connect the auxiliary contact and shunt trip or neutral Pole to the circuit breaker.

Type/ Cat No.	Std Pk
E983419	10



Lock-out Adapter**

Type/ Cat No.	Std Pk
EASS	10

UL 489

UL 508

UL 1077

UL 1077
Equipment Breakers

Earth Leakage
Circuit Breakers

ANNEX