



Auxiliary Contact, Alarm Switch

Type/ Cat No.	Description	Contacts Type	Std Pk
H10UL	1 Auxiliary Contact	1NO	6
H11UL	2 Auxiliary Contacts	1NO + 1NC	6
H12UL	3 Auxiliary Contacts	1NO + 2NC	6
H21UL	3 Auxiliary Contacts	2NO + 1NC	6
HLS11L*	1 Auxiliary/1 Signal Contact	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

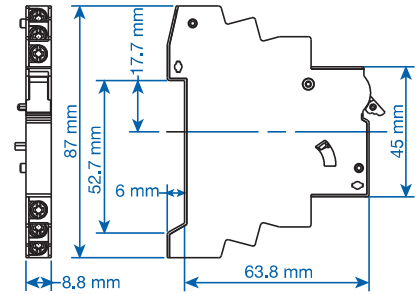
1.0mm² - 2.5mm² (18-14 AWG)

Stranded Wire

1.0mm² - 1.5mm² (18-16 AWG)

Stranded Wire with Ferrule

1.0mm² - 1.5mm² (18-16 AWG)

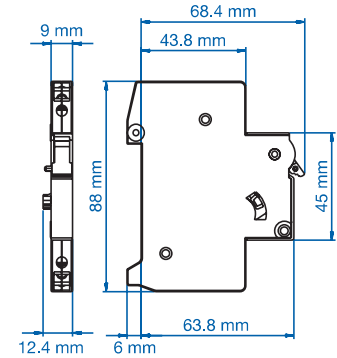


Dimensions HxxUL.



Shunt Trip

Type/ Cat No.	Rated Voltage U _N	Max. Operating Current @ U _N	Std Pk
FA12UL	12V AC/DC	1.3A	5
FA24UL	24V AC/DC	0.6A	5
FA48UL	48 - 72V AC/DC	0.2A	5
FA110UL	110 - 240V AC/DC, 277V AC	0.25A @ 110V 0.5A @ 240V 0.58A @ 277V	5



Dimensions HLS11L.



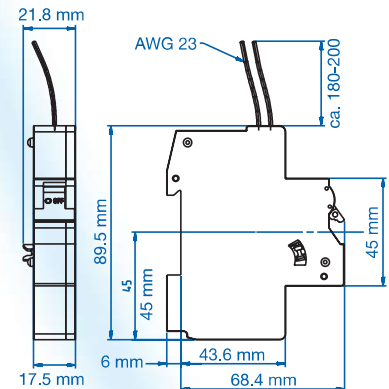
Undervoltage Trip*

Type/ Cat No.	Line Voltage V _E	Std Pk
UA120UL	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 UA120UL



Neutral Pole

Type/ Cat No.	Rated Current I _N	Rated Voltage U _N	Std Pk
N32UL	0.3 - 32A	480Y/277V AC	6
N63UL	40 - 63A	240V AC	6

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.

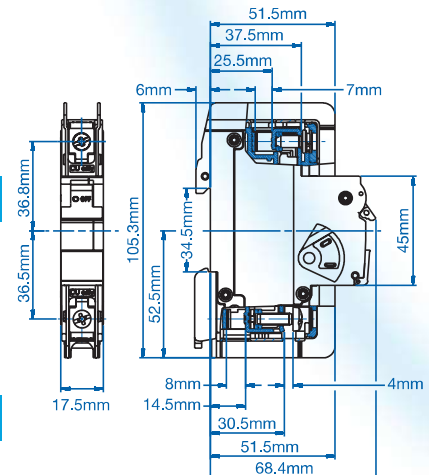


Type/ Cat No.	Std Pk
E983419	10

Lock-out Adapter**



Type/ Cat No.	Std Pk
EASS	10



Dimensions NxxUL, FxxUL

* UL Pending

** UL and DL series 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.