

UPDATED
IGN
J1428

Series 18 was designed for the harshest of environments. The weatherproof and ignition proof characteristics are especially well suited to applications in Marine, Heavy Equipment, Trucks, Buses & Battery Chargers. All materials were carefully chosen for resistance to UV and flammability. It uses a double break design to achieve increased short-circuit interruption capability. The push-to-reset actuator is trip-free, ensuring the breaker cannot be forced to continuously maintain a closed circuit if an overload condition exists. Made in USA.

# 8-32 Screw Terminal	# 10-32 Stud Terminal	Ampere Rating	
Part Number	Part Number		
1800E112E0030	-	3A	
1800E112E0050	-	5A	
1800E112E0100	1810E113T0100	10A	NEW
1800E112E0125	1810E113T0125	12.5A	
1800E112E0150	1810E113T0150	15A	
1800E112E0200	1810E113T0200	20A	
1800E112E0250	1810E113T0250	25A	
1800E112E0300	1810E113T0300	30A	
1800E112E0350	1810E113T0350	35A	
1800E112E0400	1810E113T0400	40A	
-	1810E113T0500	50A	
-	1810E113T0600	60A	
-	1810E113T0700	70A	NEW

Screw Terminals
(1800E | 12E series)



Stud Terminals
(1810E | 13T series)



I.R. (1800 series): 3kA at 120VAC / 32VDC (Standard Calibration),

I.R. (1810 series): 3kA at 120VAC, 5kA at 32VDC (High Ambient*)

Reset Mechanism: Type III, Manual Reset. 1800 & 1810 Series.

Options: Type I, Automatic reset available. 1801 & 1811 series, contact sales for information.

Button: Red with 45° white ampere marking.

Mounting: #10 eyelet hole with attached self-locking nut (includes 2 x #8-32 screws).

Alternative Mounting Option: 1800T0 & 1810T0 series: #10 eyelet hole only, no fitted locking nut. Indent only.

Terminals (1800 series): Screw terminals includes #8-32 screws and lockwasher.

Terminals (1810 series): Threaded stud includes #10-32 nuts and lockwasher. Stud is 11.4mm long.

Vibration Rating: 10g per MIL-STD-202, Method 204, Test Condition A.

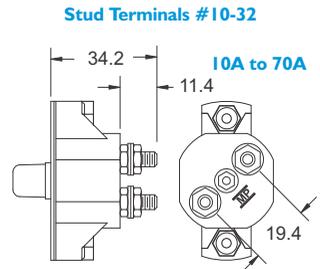
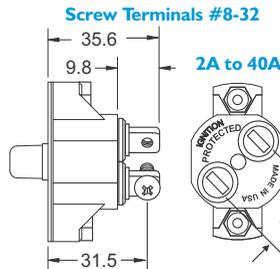
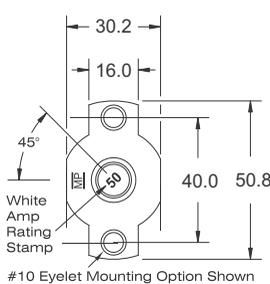
Features: Ignition Protected UL 1500.

Housing: UL 94 V-0 Black Thermoplastic.

Pack Size: 1, 20, 40, 160

*High Ambient style increases ultimate trip rating from 100% to 110% (min.) & 135% to 143% (max.) at 25 deg C.

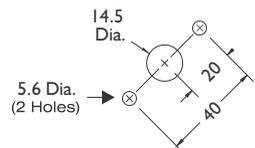
Approvals: ABYC E-11, SAE J553, SAE J1428, UL 1500, UL 1077, MIL-STD-202.



Red Button
White Amp Stamp at 45°

Dimensions in MM

Recommended Mounting



Spare Pack (SP):
Contains 1pc of one rating.

