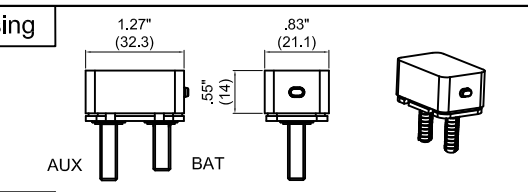
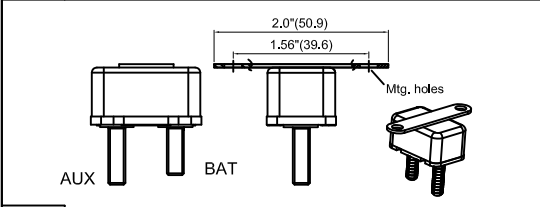


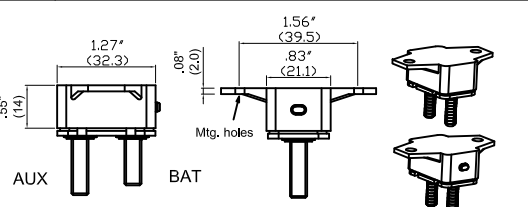
1 Metal case without Mount 金無翅



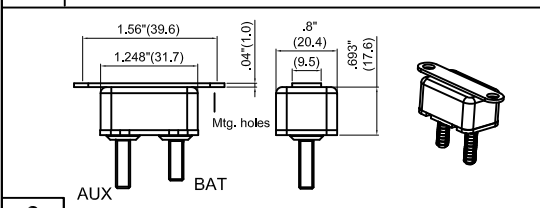
6 Plastic without Mount 塑無翅



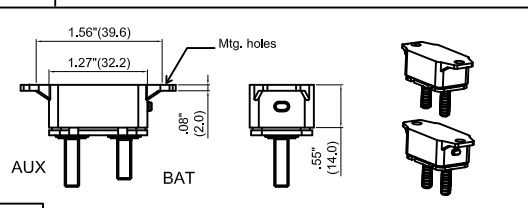
2 Metal with Horizontal Mounting bracket 金橫翅



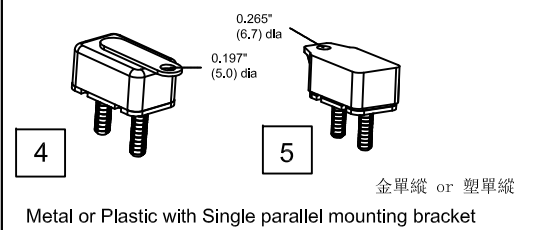
7 Plastic with Horizontal Mounting bracket 塑橫翅



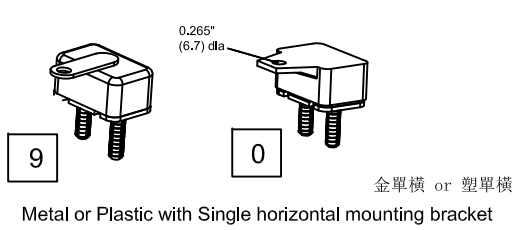
3 Metal with Parallel Mounting bracket 金縱翅



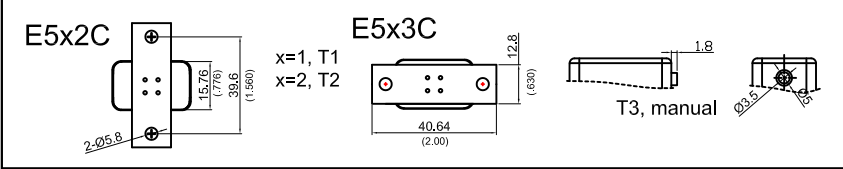
8 Plastic with Parallel Mounting bracket 塑縱翅



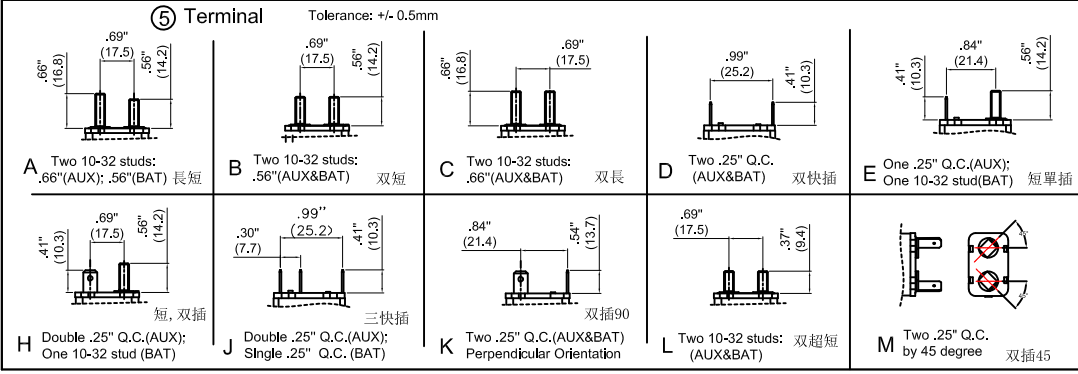
4 Metal or Plastic with Single parallel mounting bracket



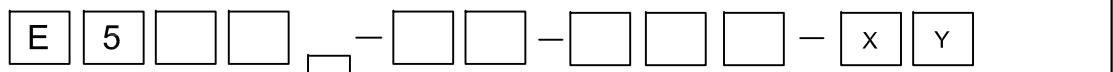
9 Metal or Plastic with Single horizontal mounting bracket



Print: Ta / bbA / ccV
a=1,2,3 bb=05-50 cc=12/24
week code print, wwyy
ww showing in week code.
yy showing in year code.
AA: 2010, AB: 2011.....AJ: 2019
BA: 2021, BB: 2022.....



AEV	Item	Date	Description	Revised By
A/2	1	03.03.14	Change logo and brand name.	
	2			



① Series ② case ③ Rating ④ Voltage ⑤ Terminal ⑥ Mtg. holes x:pack code 0 - std, neutral mark 1 - std. Glosomark y - consult factory for special marking

① **Series**
51: Type1, Auto reset
52: Type2, Modified reset, (metal cover only by silver color)
53: Type3, Manual reset (plastic cover only)

② **Case**
1: Metal, without mount
2: Metal, with horizontal mounting bracket
3: Metal, with parallel mounting bracket
4,5: Metal or Plastic, with single parallel mount
6: Plastic, without mount
7: Plastic, with horizontal mounting bracket
8: Plastic, with parallel mounting bracket
9,0: Metal or Plastic, with single horizontal mount

③ **Rating** 05~50A ⑥ **Mtg. holes**
0: no bracket
3: 0.140 dia.
5: 0.196 dia.
6: 0.237 dia. (for metal)
8: 0.228 dia. (for plastic)
7: 0.265 dia.

④ **Voltage**
1: 125Vac 2: 250Vac
4: 6-14Vdc 8: 28Vdc

⑤ **Terminal**, A, B, C, D, E, H, J, K, L, M
Stud : 10-32" (max. 50A)
Quick connector: 0.25" (max. 30A)

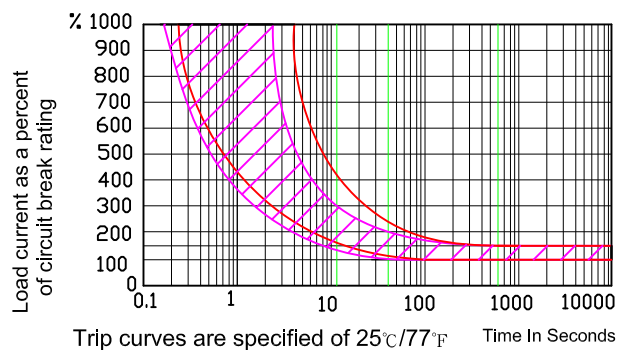
Specification,
Single pole Thermal Type Breakers
Rating: 5-50A, 14Vdc, 28Vdc (for T2 and T3)
Interrupt Rating: (branch circuit protection)
2.5KA @ 12Vdc (T1 & T1-28Vdc,sealed & T3)
Operating Temperature Rating:
-40F(-40C) to 185F(85C)
Storage Temperature Rating:
-40F(-40C) to 260F(125C)

Materials:
Black UL rate thermoplastic body, (thermo set for T2 body & button);
Cover is gray thermoplastic or steel, T1-gold, T2-silver
Marking:
Custom marking available. Consult factory for option.

Terminal:
#10-32 thread and quick-connector available.
Torque rating: 24in-lb (2.7Nm) max.
Mounting torque rating:
Plastic cover-15in-lb(1.7Nm);
Metal cover-30in-lb(3.4Nm)
Ingress Protection rating:
IP66 on plastic cover (except for terminal)
Compliance : SAE J553; SAE J1171
(consult factory for Ignition protection rating).

	100%	150%	200%	300%
Less than 25A	> 1,800 sec	< 600 sec.	5 ~ 40 sec.	2 ~ 8 sec.
Over 30A	> 1,800 sec	< 600 sec.	10 ~ 50 sec.	4 ~ 12 sec.

URL @ UL file no. E482018



Derating Factor	
0 °C	x 1.46
10 °C	x 1.35
15 °C	x 1.14
18 °C	x 1.11
25 °C	x 1.00
32 °C	x 0.92
40 °C	x 0.82
50 °C	x 0.70
60 °C	x 0.57

X: package code
- 0, KEPS nuts, bluk packed
- 1, KEPS nuts, assembled
- 2, KEPS nuts, assembled, boxed packed
- 3, KEPS nuts, assembled, blister packed
- 4, KEPS nuts, assembled, clam shell packed
- 5, Nylock nuts, bluk packed.
- 6, Nylock nuts, assembled.

Y: Customization code
- 0, Standard, neutral
- 1, Glosomark
- 2, No mark
- Y, Customization

0<6 ±0.2	50<120 ±0.5	Material	Parts no	E5 TYPE
6<18 ±0.3	120<250±0.6		Drawing by 宋铁强	
18<50 ±0.4	250<400 ±0.7	Date 03/03/14	Check by 万文	
Tolerance unless otherwise spcified,unit in mm		Issue A/4	Approve by Jerry	Drawing no
		GLOSOTECH YOUR POWER, PROTECTED		E5-1 Model code E5系列