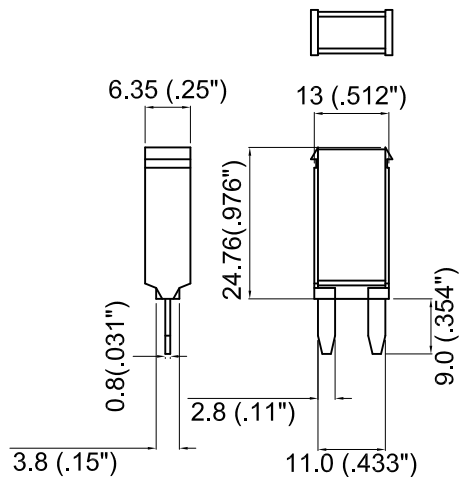
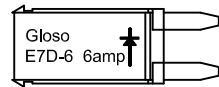
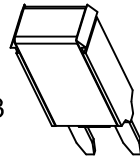




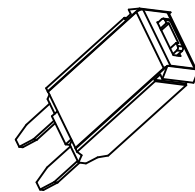
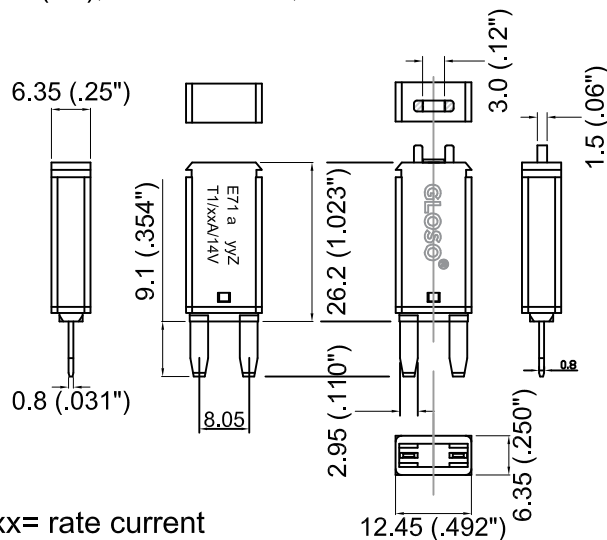
Aluminum cover
E77 :T1, auto reset, 14Vdc
E78 :T2: modified reset, 14 Vdc
cover code:
gold (T1), silver (T2)
laser mark with
rate current
E77, E78
discontinued end 2023



Aluminum cover
E7D :diode inside
diode: philips BY328 6A/1500V

unit: mm (inch)

Plastic cover,
E71(T1), auto reset, 14/28 Vdc
E72(T2), modified reset, 14Vdc
E73(T3), manual reset, 28 Vdc



Color code

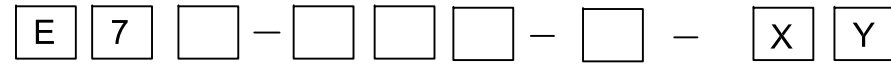
- 05-5A: LT.brown
- 06-6A: moss green
- 75-7.5A: brown
- 10-10A: red
- 15-15A: blue
- 20-20A: yellow
- 25-25A: white
- 30-30A: green



xx= rate current
yy= week code
Z = year code

a=H(std) or F(fast)

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



Type: T1 (77, 71)
T2 (78, 72)
T3 (73)
diode (7D)

Rate current:
05-5A, 75-7.5A,
10,15, 20,
25, 30A

OP time:
H: standard,
5-30A
F: fast,
7.5-30A

Voltage:
4:14Vdc
8:28Vdc

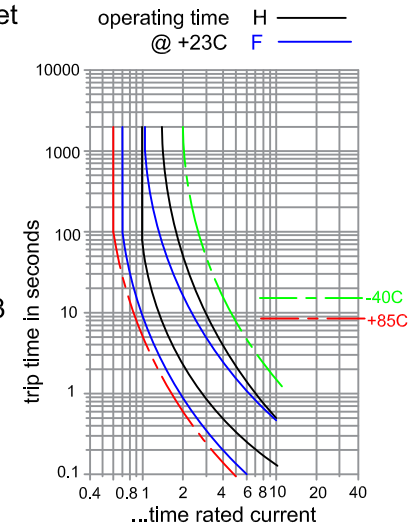
X: package code
- 0, bluk packed
- 2, by boxed
- 3, by blister
- 4, clam shell
- 7, PE packed

Y: mark code
0 - IG. PROTECTED
1 - std. Gloso mark
2 - blank, no any mark
y - consult factory
for special mark

Mini Circuit Breaker, Auto / Modified / Manual reset
Plastic cover with a color code, E71(T1), E72(T2), E73(T3)
Aluminum cover with laser mark, E77(T1), E78(T2)

- * Single Pole Thermal Type Breakers.
- * Rating: 5-30A @ 14Vdc & 28Vdc
E71, T1-14Vdc (for 20,25,30A) T1-28Vdc (for 5,10,15A)
E73, T3-28Vdc
- * Max. voltage: T2 @14.5Vdc, T1/T3 @ 29Vdc
- * Ultimate capacity: 2000A @ 32Vdc or ≥150A x 3
- * SC breaking capacity: >300 operations @ 50A
- * Endurance: >100 operations @ 4 x In
- * Voltage drop: <150mV
- * Interrupt Capacity: Compliance SAE J553
- * Operating temperature:
-40F(-40C) to 185F(85C)
- * Storage temperature:
-40F(-40C) to 260F(125C)
- * Marking:
Standard marking
includes type/ voltage/ amp
- * Termination:
Compatible with 280 Type fuse blocks using
0.32in. (8.1mm) centerline spacing.
- * Meet SAE J553, ISO 10924-3
- * std H type, 5-30A, hold on 100% rate current
fast trip F type, 7.5-30A, hold on 70% of rate

cross to 21X
1620(std)
1626(fast)



operating time	by sec.	H (std)	F (fast)
0.7 /R	>3600	>3600	>9
1 /R	>3600	>9	6-500
1.1 /R	>60	3-74	1.9-37
1.35 /R	45-1800	1.1-18	0.3-3.9
1.6 /R	20-200	0.1-1.1	
2 /R	5-60		
3.5 /R	0.5-0		
6 /R	0-2.0		

derating factor	ambient temp.	factor	ambient temp.	factor
	-40F/-40C	0.73	+73F/+23C	1
	-22F/-30C	0.78	+104F/+40C	1.09
	-4F/-20C	0.82	+122F/+50C	1.16
	+14F/+10C	0.86	+140F/+60C	1.25
	+32F/0C	0.91	+158F/+70C	1.33
	+50F/+10C	0.95	+185F/+85C	1.43

0<1 ± 0.05	18<50 ± 0.4	Material		Parts no	E7 TYPE
0<6 ± 0.2	50<120 ± 0.5			Drawing by	宋铁强
6<18 ± 0.3	120<250 ± 0.6	Date	03/03/14	Check by	万文
Tolerance unless otherwise specified,unit in mm		Issue	A/4	Approve by	Jerry
		Drawing no	E7-1	Model code	E7系列

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