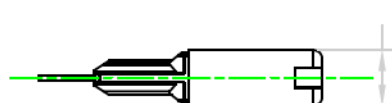


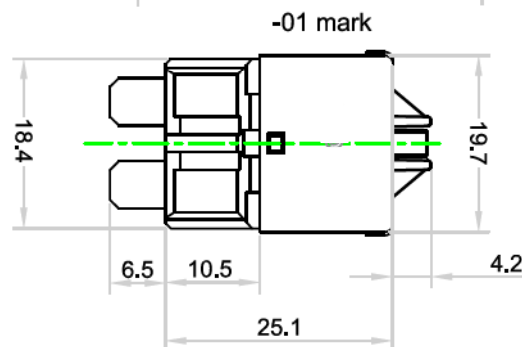
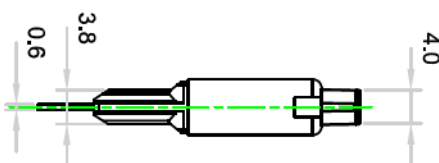
xxA 14VDC
yyZ E37 K

xxA 14VDC
yyZ E38 T2

Type 1, Type 2
12 Vdc



Type 3,
manual reset
28 Vdc



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

a=K(std)
or F(fast)



Color code

03-3A: violet
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
40-40A: orange

REV	Item	Date	Description	Revised By	Remark
A/2	1				
	2				
	3				

E					2
E37-T1 E38-T2 E39-T3	Rate current: 03-3A(K-type only) 05-5A, 75-7.5A, 10,15, 20, 25, 30, 40A(F-type only)	OP time K: standard F: Fast	Voltage 2: 32Vdc		

Single Pole Thermal Type Breakers

E37, T1-14Vdc - auto reset, 28Vdc consult to factory

E38, T2-14Vdc - modified reset

E39, T3-32Vdc - manual reset

Rating: 3-30A (K-Type), 5-40A (F-Type)

Breaking capacity: >100 cycles @ ISO std.

Ultimate interrupt: 2000A @ 32Vdc, 150A x 3

Endurance: >100 cycles @ 4lr, 50A x 300

Voltage drop: <150 mV

Vibration: according SAE J1455

Operating Temperature Rating:

-40F(-40C) to 185F(85C)

Storage Temperature Rating:

-40F(-40C) to 260F(125C)

Materials:

UL-Rate 94V-0 thermoplastic body.

Tin-plated copper alloy terminals

Marking:

Color-code to amperage.

03-3A (violet) 05-5A (light brown, tan)

06-6A (moss green) 75-7.5A (brown)

10-10A (red) 15-15A (blue)

20-20A (yellow) 25-25A (white)

30-30A (green) 40-40A (orange)

Termination:

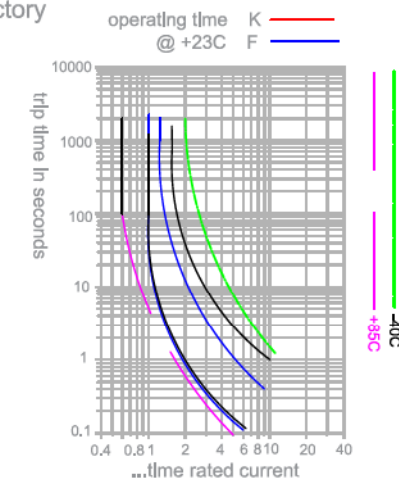
5.2mm wide blades

meet ATC type fuse block.

Compliance:

SAE J553, ISO10924-4 (all series)

UL1500, SAE J1171, Ignition protected.



operating time	by sec.	K (std)	F (fast)
0.7 / R	>3600	>3600	>3600
1 / R	>1800	>1800	>1800
1.1 / R	>10	>7	>7
1.35 / R	3-600	3-120	3-120
1.6 / R	2-120	2-50	2-50
2 / R	1-40	1-12	1-12
3.5 / R	0.35-6	0.35-2.6	0.35-2.6
6 / R	0.13-2	0.13-0.8	0.13-0.8

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	

cross to 227
1610(std)
1616(fast)

0<1 ± 0,05	18<50 ± 0,4	Material		Parts no	E379
0<6 ± 0,2	50<120 ± 0,5			Drawing by	
6<18 ± 0,3	120<250 ± 0,6	Date	18.09.01	Check by	
Tolerance unless otherwise specified, unit in mm		Issue	A/2	Approve by	
		Drawing no	E3_79	Model code	