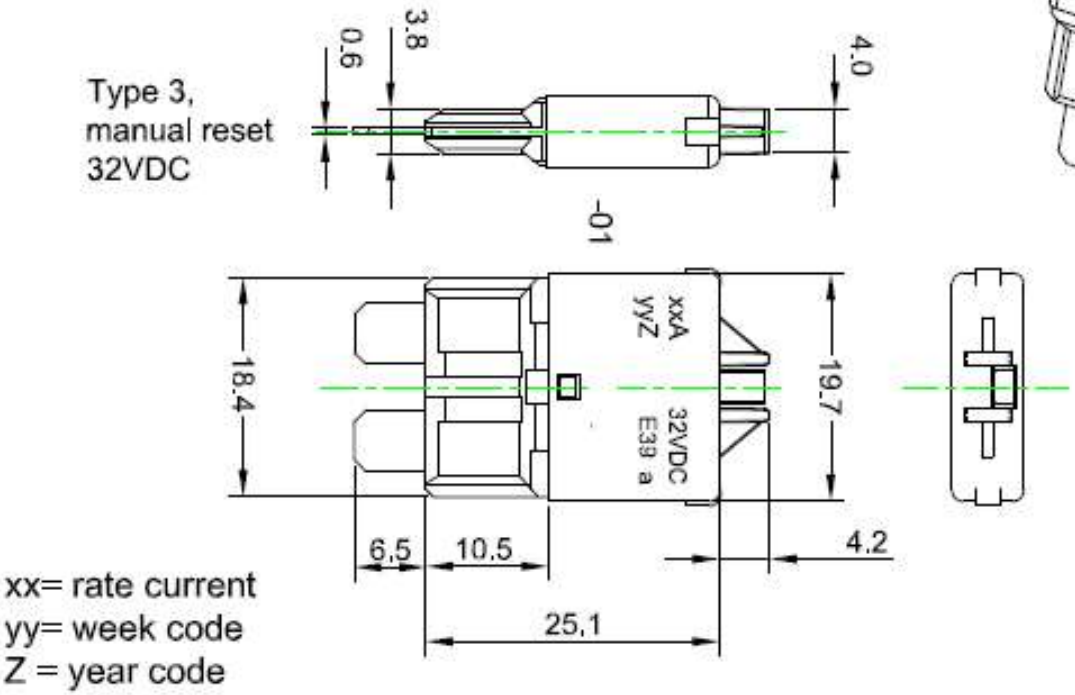
Datenblatt
Artikelnummer: SUNIMxxA





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

a=K(std) or F(fast)



☐ 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
- 40-40A: orange

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

SUNIM — □ □ □

SUNIM

Rate current:
05-5A, 75-7.5A,
10,15, 20, 25, 30,
40A(only F-type)

OP time
K: standard
F: Fast

Single Pole Thermal Type Breakers

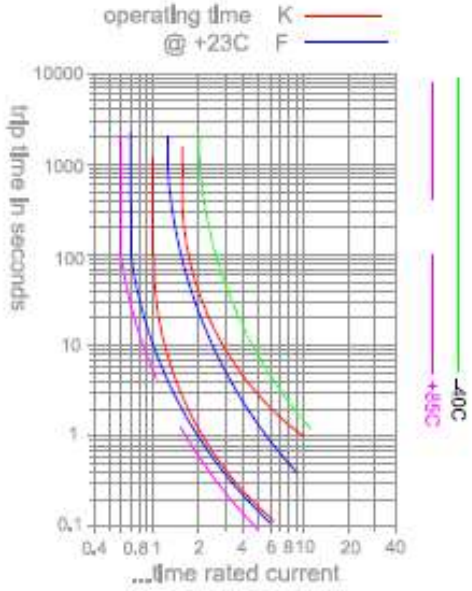
SUNIM - 32Vdc - manual reset

Rating: 5-30A (K-Type), 7.5-40A (F-Type)
Breaking capacity: >100 operations @ 4Ir
Voltage drop: <150 mV
Interrupt capacity: 2000A @ 28Vdc
Operating Temperature Rating:
-40F(-40C) to 185F(85C)
Storage Temperature Rating:
-40F(-40C) to 260F(125C)
Materials:
UL-Rate 94V-0 thermoplastic body.
Tin-plateed copper alloy terminals
Marking: Color-code to amperage.
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.

cross to 227
1610(std)
1616(fast)

Compliance:
SAE J553, ISO10924-4 (all series)
UL1500, SAE J1171,Ignition protected.

std K type, 5-30A, hold on 100% rate current
fast trip F type, 7.5-40A, hold on 70% of rate



operating time

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

0<6 ±0.2	50<120 ±0.5	Material		Parts no					
6<18 ±0.3	120<250±0.6			Drawing by					
18<50 ±0.4	250<400 ±0.7	Date		Check by					
Tolerance unless otherwise specified,unit in mm		Issue	A/2	Approve by		Drawing no		Model code	