

◆ 产品图片 Product picture



◆ 主要技术参数 Specification

额定电压 Rated Voltage	DC 14V
额定电流 Rated Current	5~30A
限制短路电流 Interrupt Capacity	200A @ 14Vdc (for 5~15A) 400A @ 14Vdc (for 20~30A)
绝缘阻抗 Insulation Resistance	>100 M Ω
过载能力 Resettable Overload Capacity	10倍额定电流 Ten Times Rated Current
介电强度 Dielectric Strength	1,500Vac 1 minute
工作温度 Operating Temperature Range	-40°C ~ 85°C
操作方式 Method of operation	R、J TYPE
连接方式 Terminal	.280X.32 (8.1mm)
符合标准 Compliance	SAE J553

◆ 额定电流下的电阻 @ +25°C Typical Resistance VS. Current Rating @ +25°C

额定电流 Current Rating in Amps	内电阻 Ω Typical Resistance	额定电流 Current Rating in Amps	内电阻 Ω Typical Resistance
5.0	0.052	15.0	0.017
6.0	0.042	20.0	0.012
7.0	0.036	25.0	0.010
8.0	0.031	30.0	0.008
10.0	0.025		
12.0	0.021		

◆ 环境校正系数表 Ambient Compensation Table

环境温度下校正系数表 Capacity Corrention Factors For Ambient Temperatures										
额定电流 Current Rating Amps	Temperature									
	°F	+14	+32	+50	+68	+77	+86	+104	+122	+140
	°C	-10	+0	+10	+20	+25	+30	+40	+50	+60
5 to 60A		X1.60	X1.46	X1.35	X1.10	X1.00	X0.92	X0.82	X0.70	X0.57

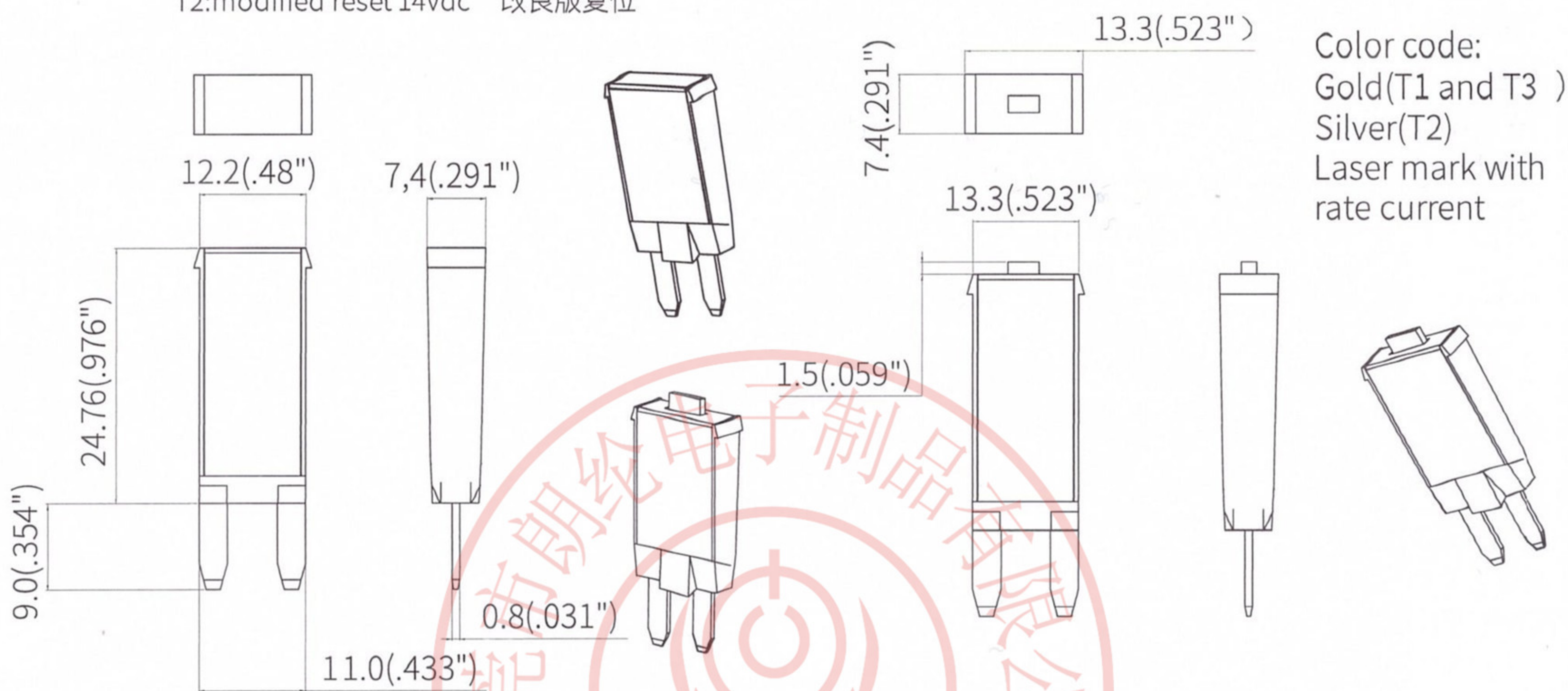
以环境温度 +25°C 为基准单位，根据额定电流的高低按照系数表进行计算。
The unit is calibrated for ambient temperature of +25°C.
To determine the rated current for a lower or higher ambient temperature,
use a correction factor as above.

外形尺寸 Outline Dimensions

1. 金属壳 Metal Case

T1:auto reset 14Vdc 自动复位
T2:modified reset 14Vdc 改良版复位

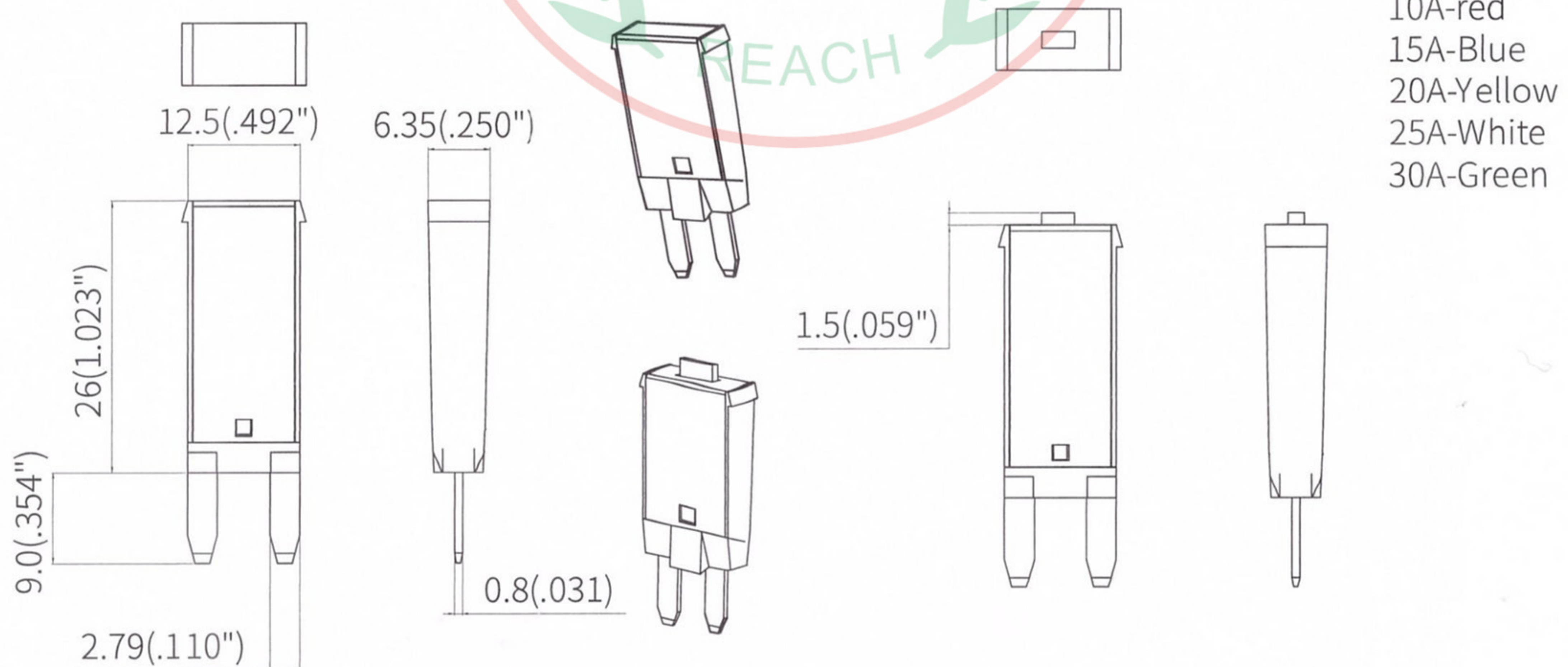
T3:manual reset Max.to 28Vdc 手动复位



2. 塑胶壳 Plastic Case

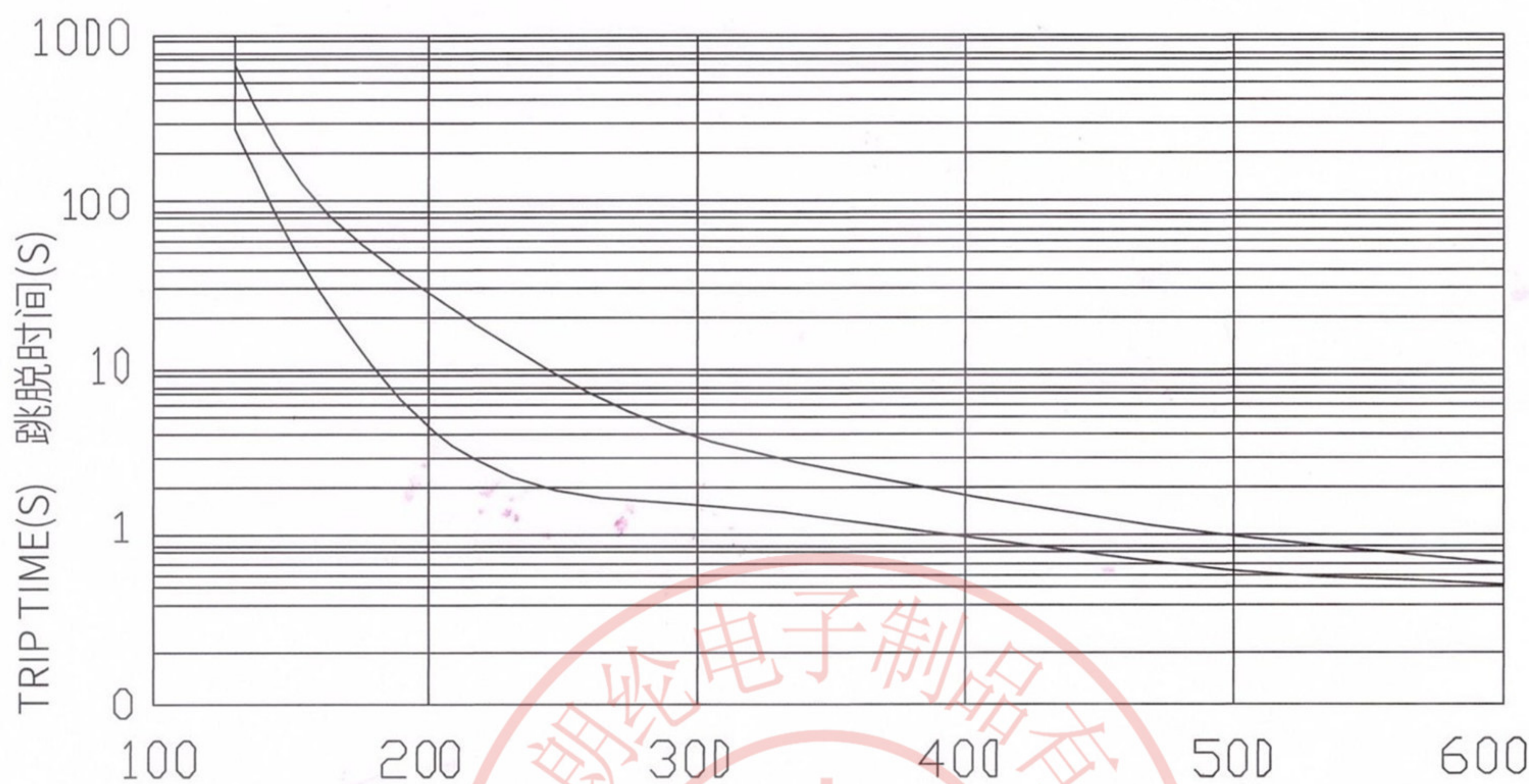
T1:auto reset 自动复位
T2:modified reset 改良后复位

T3:manual reset 手动复位

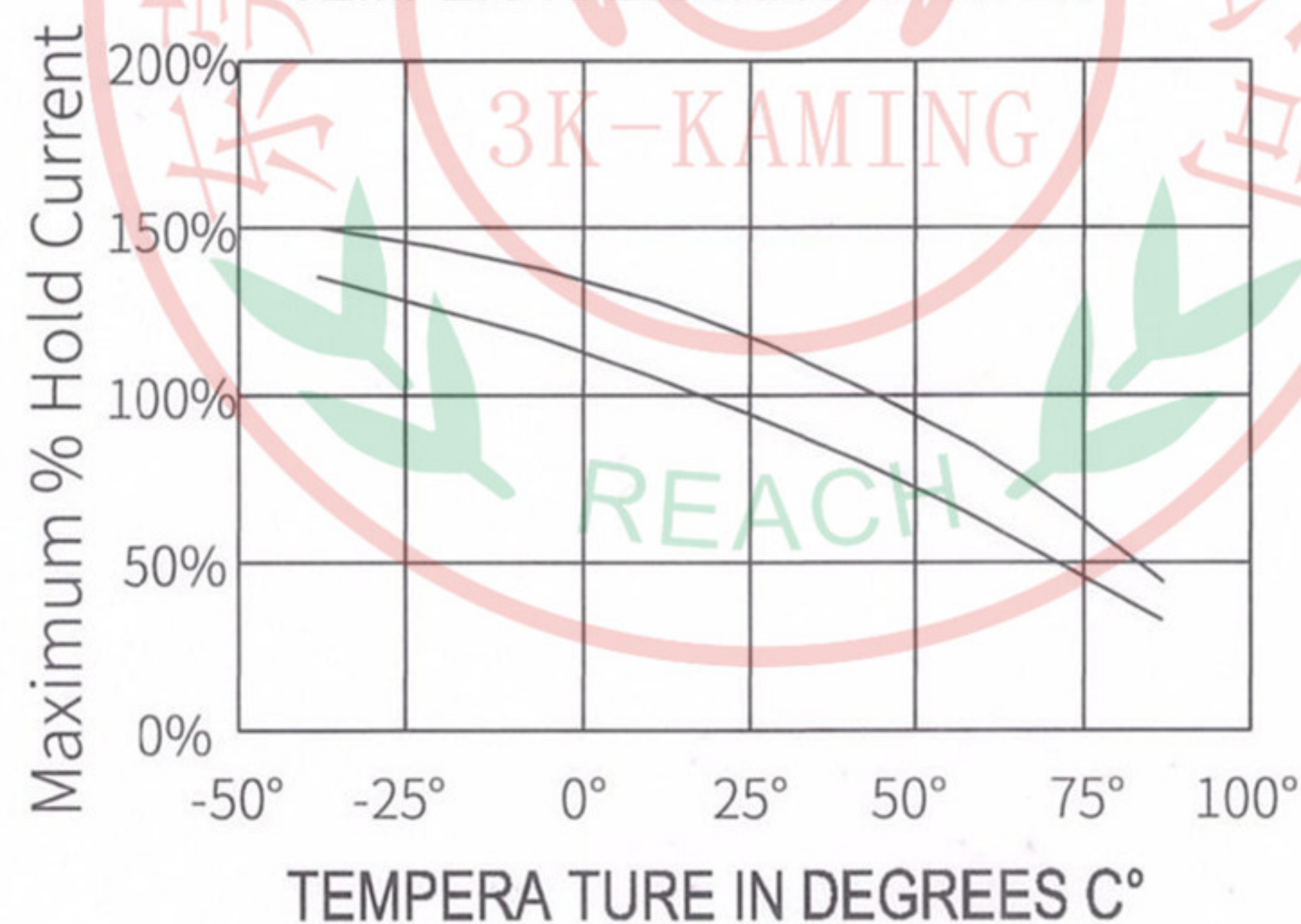


NOTE: 1 "XX" = 额定电流 Rated current
2. Ta/bbA/ccV,a=1,2,3 bb=5~60 A cc=12/24

时间-电流特性曲线 @ +25°C Time VS. Current Trip Curve @ +25°C



TEMPERA DERATING CURVES



产品命名 Ordering Information

E71

产品系列
Series

①

1

外壳
Case Type

②

30

额定电流
Rating

③

1

额定电压
Voltage

④

B

客户要求
Special Request

⑤

E71	Auto Reset
E72	Modified Reset (Metal by silver)
E73	Manual Reset

1	金属 Metal
2	塑胶 Plastic

05	5A
10	10A
⋮	⋮
20	20A
30	30A

4	6~14 Vdc
8	28 Vdc