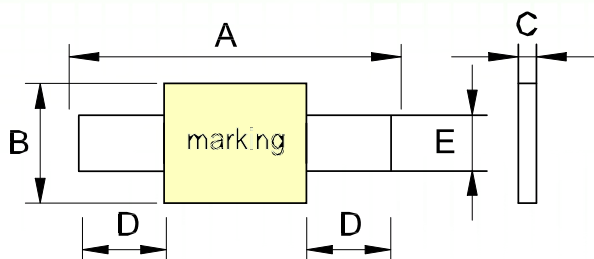
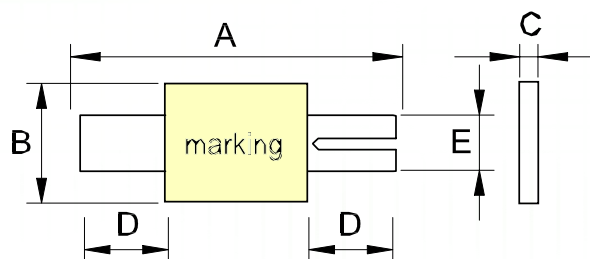


Construction and Dimensions



Style1



Style2

Unit:mm

Model	A				B C				D E		Style
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
STP120	20.0	22.1	4.8	5.3	0.5	1.1	4.7	6.7	3.8	4.2	1
STP120S	20.0	22.1	4.8	5.3	0.5	1.1	4.7	6.7	3.8	4.2	2
STP175	20.5	23.1	4.8	5.3	0.5	1.1	4.0	6.0	3.8	4.2	1
STP175S	20.5	23.1	4.8	5.3	0.5	1.1	4.0	6.0	3.8	4.2	2
STP200	20.0	23.1	4.8	5.3	0.5	1.1	4.7	6.7	3.8	4.2	1
STP350	23.5	26.0	9.8	10.5	0.5	1.1	5.0	7.0	5.7	6.3	1
STP420	23.5	26.0	9.8	10.5	0.5	1.1	5.0	7.0	5.7	6.3	1

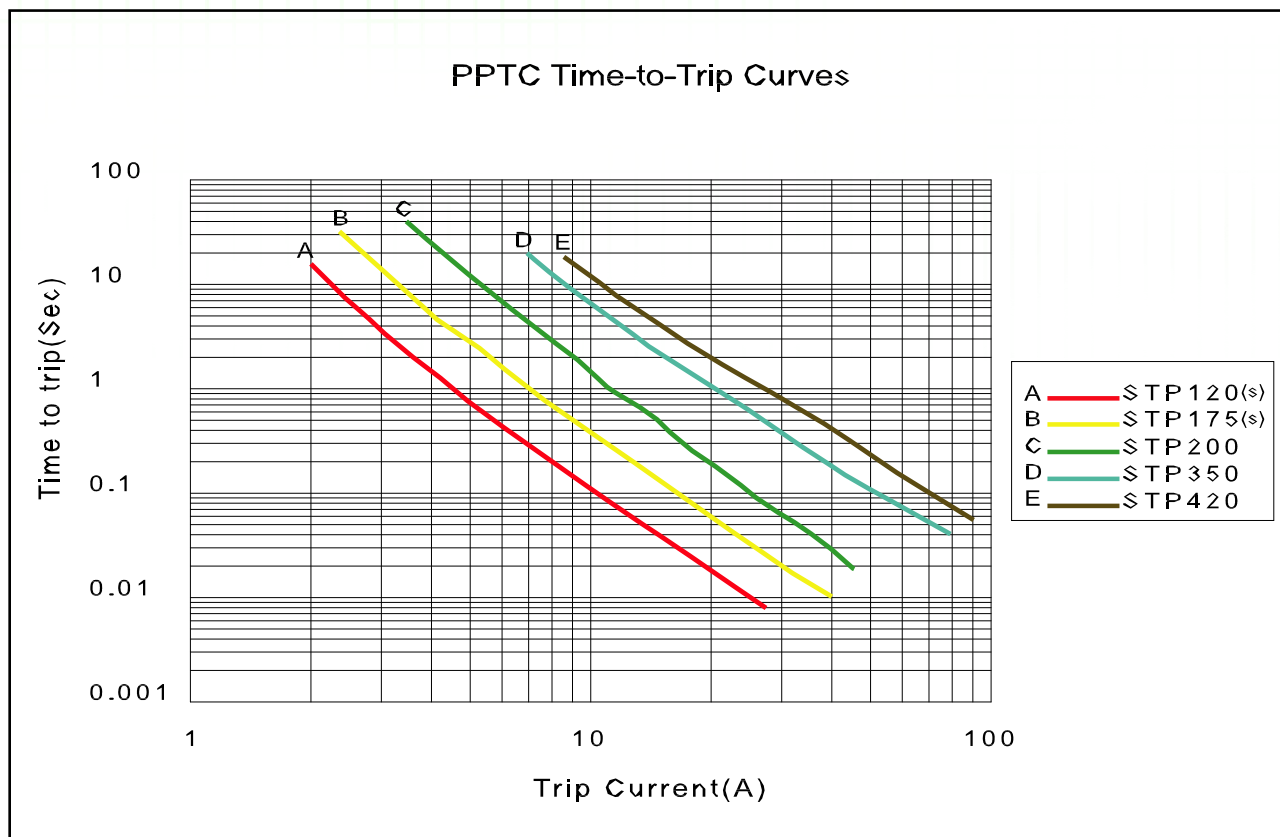
* Slit size : 0.5mm x 4.0mm (Nominal)

Electrical Characteristics at 23℃ :

Model	V _{max} (Volts)	I _{max} (Amps)	I _{hold} (Amps)	I _{trip} (Amps)	R _{min} (Ω)	R _{max} (Ω)	R1 _{max} (Ω)	P _(d) (Watts)
STP120	15	100	1.2	2.70	0.085	0.160	0.220	1.20
STP120S	15	100	1.2	2.70	0.085	0.160	0.220	1.20
STP175	15	100	1.75	3.80	0.050	0.090	0.120	1.50
STP175S	15	100	1.75	3.80	0.050	0.090	0.120	1.50
STP200	30	100	2.00	4.40	0.030	0.060	0.100	1.90
STP350	30	100	3.50	6.30	0.017	0.031	0.050	2.50
STP420	30	100	4.20	7.60	0.012	0.024	0.040	2.90

*

Typical Time to Trip Curves at 23°C :



Thermal Derating Chart

Unit:Amps

TEMP(°C)	-40	-20	0	23	40	50	60	70	85
STP120(s)	1.70	1.63	1.43	1.20	1.03	0.95	0.84	0.75	0.58
STP175(s)	2.50	2.35	2.05	1.75	1.50	1.35	1.20	1.10	0.85
STP200	2.90	2.70	2.30	2.00	1.75	1.55	1.40	1.30	1.00
STP350	5.00	4.75	4.10	3.50	3.05	2.70	2.40	2.20	1.70
STP420	6.00	5.80	5.00	4.20	3.65	3.20	2.85	2.70	2.00