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Specifcation of products

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SYMBOL	CHARACTERISTIC	TEST CONDITIONS	T_j (℃)	VALUE			UNIT
				Min	Type	Max	
$I_{T(AV)}$ $I_{F(AV)}$	Mean on-state current	180° half sine wave 50Hz Single side cooled, T_C=85°C	125			160	A
$I_{T(RMS)}$	RMS on-state current	Single side cooled, T_C=85°C	125			251	A
V_{DRM} V_{RRM}	Repetitive peak off-state voltage Repetitive peak reverse voltage	V_{DRM}&V_{RRM} tp=10ms V_{DSM}&V_{RSM}= V_{DRM}&V_{RRM}+200V respectively	125	600		2200	V
I_{DRM} I_{RRM}	Repetitive peak current	at V_{DRM} at V_{RRM}	125			20	mA
I_{TSM}	Surge on-state current	10ms half sine wave V_R=60%V_{RRM}	125			5.40	KA
I^2t	I^2T for fusing coordination		125			149	A^2s*10^3

OUTLINE DRAWING & CIRCUIT DIAGRAM

Rating and Characteristic

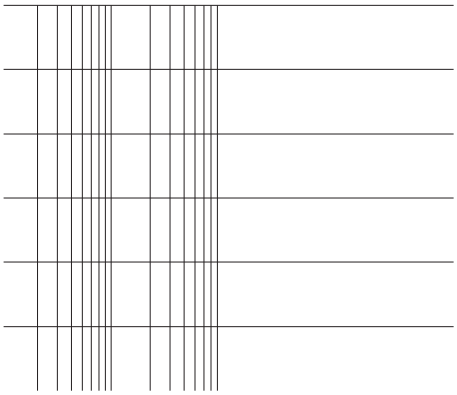


Fig. 1

Fig. 2

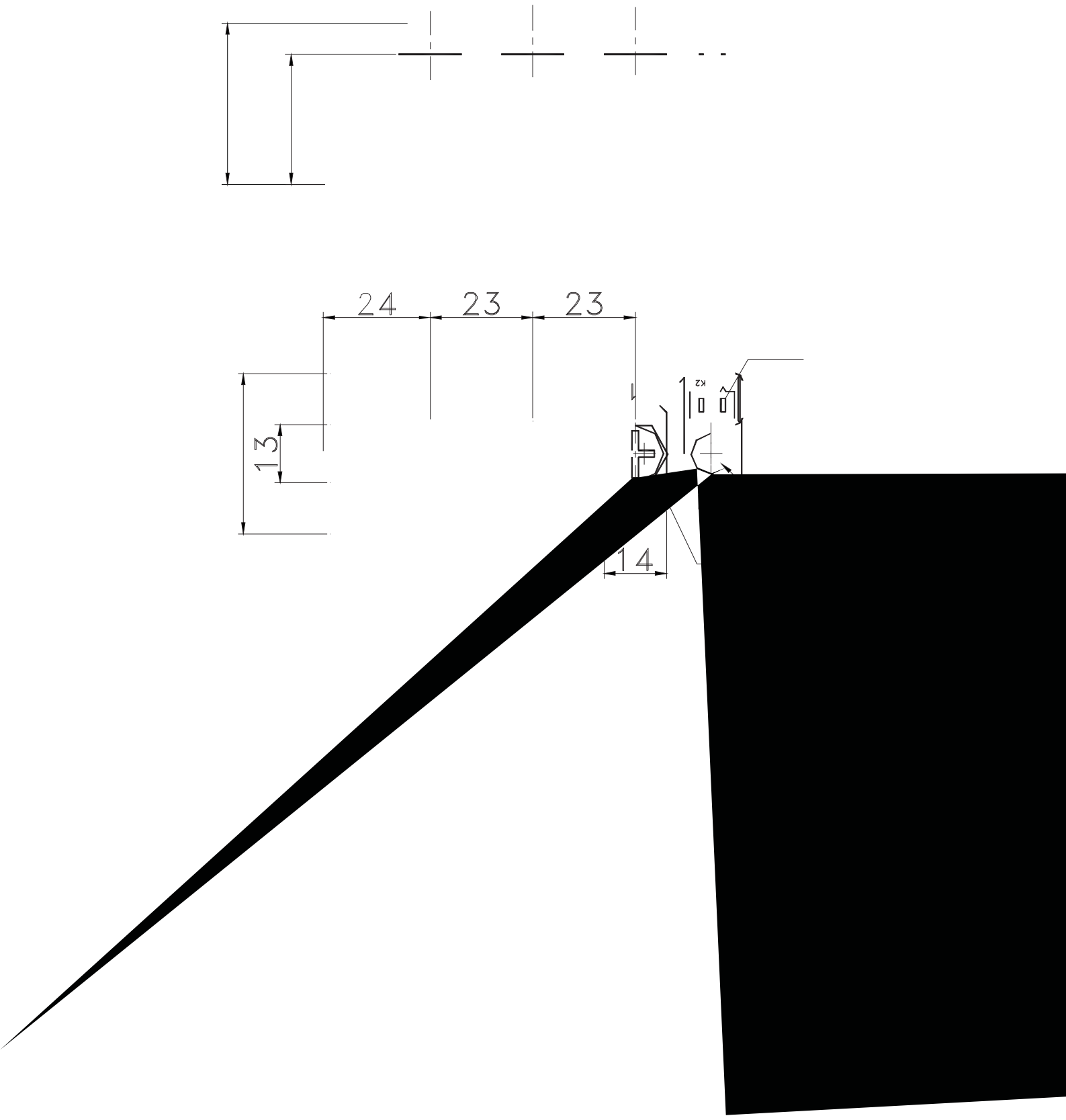
Fig. 3

Fig. 4

Fig. 5

Fig. 6

Rating and Characteristic


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