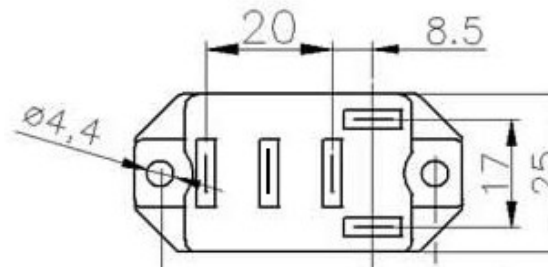
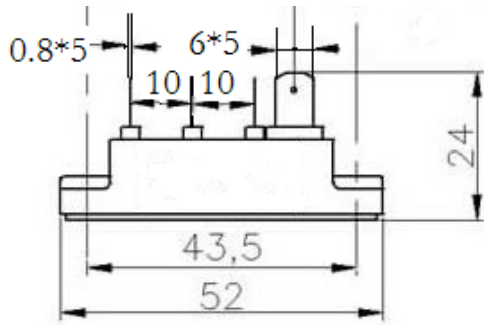
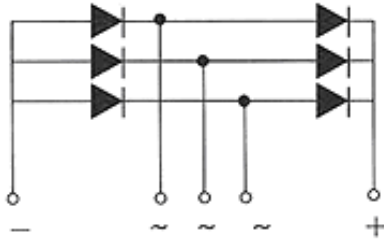


Three Phase Rectifier Bridge

 $I_{dAV} = 30 \text{ A}$
 $V_{RRM} = 1000-1600 \text{ V}$

V_{RRM} (V)	V_{RSM} (V)	TYPE
1000	1100	MDS30-10
1200	1300	MDS30-12
1600	1700	MDS30-16



Maximum Ratings

Symbol	Item	Conditions	Ratings	Unit
I_D	Output current (D.C.)	Three phase. full wave. $T_c = 117^\circ \text{C}$	30	A
I_{FSM}	Surge Forward Current	1 cycle, 50/60Hz, peak value, non-repetitive	270/300	A
T_j	Junction Temperature		-40 to +150	$^\circ \text{C}$
T_{stg}	Storage Temperature		-40 to +125	$^\circ \text{C}$
V_{iso}	Isolation Breakdown Voltage (R.M.S.)	Main Terminal to case 1minute	2500	V
M_d	Mounting torque	Mounting(M4)	Recommended Value 1.1-1.5 (9-13)	1.5 (13)
		Terminal	Terminal #250	—

Electrical Characteristics



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 WEB SITE: <http://www.pst888.com> www.yzpst.cc

Symbol	Item	Conditions	Ratings	Unit
I _{RRM}	Repetitive Peak Reverse Current, max.	T _j =150 °C at V _{RRM}	3.0	mA
V _{FM}	Forward Voltage Drop, max.	I _{FM} =30A, T _j =25 °C Inst. measurement	1.3	V
R _{th(j-c)}	Thermal Impedance, max.	Junction to case	0.42	°C/W

