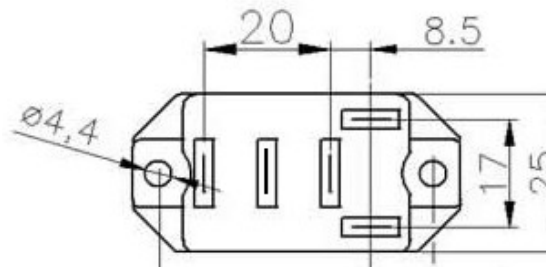
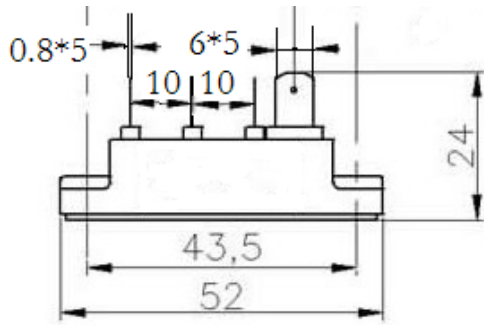
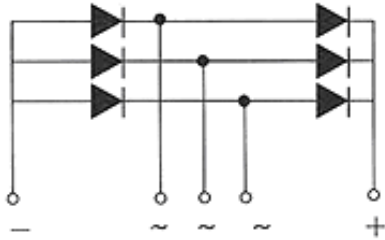


Three Phase Rectifier Bridge

$$I_{dAV} = 30 \text{ A}$$

$$V_{RRM}=1000-1600\text{V}$$

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)	$\text{N}\cdot\text{m}(\text{kgf}\cdot\text{cm})$
		Terminal	Tub Terminal #250	

Electrical Characteristics



Tel: +86-514-87782298, 87782296 FAX: +86-514-87782297, 87367519
 E-mail : positioning@china.com; yzforever@vip.tom.com; yzpst@pst888.com
 WEB SITE: <http://www.pst888.com> www.yzpst.cc

Symbol	Item	Conditions	Ratings	Unit
I_{RRM}	Repetitive Peak Reverse Current, max.	$T_j=150\text{ }^{\circ}\text{C}$ at V_{RRM}	3.0	mA
V_{FM}	Forward Voltage Drop, max.	$I_{FM}=30\text{A}$, $T_j=25\text{ }^{\circ}\text{C}$ Inst. measurement	1.3	V
$R_{th(j-c)}$	Thermal Impedance, max.	Junction to case	0.42	$^{\circ}\text{C/W}$

