



浙江芯芯电子有限公司
ZHEJIANG XINXIN ELECTIRICAL CO., LTD.

产品规格书

Specification of Products

产品名称：整流管模块

产品型号：MDG300A

浙江芯芯电子有限公司

ZHEJIANG XINXIN ELECTIRICAL CO., LTD.

地址：浙江省缙云县壶镇镇浙江丽缙五金科技产业园苍山区块内

电话：13857067071

邮编：321404

E-mail:247145749@qq.com

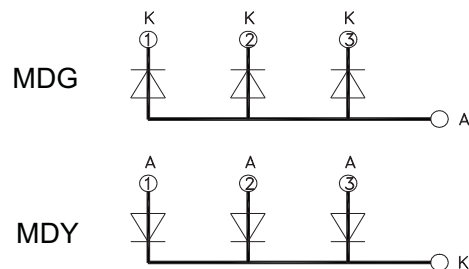
<http://www.zjxxdz1.com>

拟制	审核	核准
丁国盛	李园利	麻伟阳

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SYMBOL	CHARACTERISTIC	TEST CONDITIONS	T _j (°C)	VALUE			UNIT
				Min	Type	Max	
I _{F(AV)}	Mean foward current	180° half sinewave 50Hz Single side cooled, $\bar{T}_j=100^{\circ}\text{C}$	150			300	A
I _{F(RMS)}	RMS foward current	Single side cooled, $\bar{T}_j=100^{\circ}\text{C}$	150			471	A
V _{RRM}	Repetitive peak reverse voltage	V _{RRM} tp=10ms V _{RSM} = V _{DRM} &V _{RRM} +200V	150	600		2200	V
I _{RRM}	Repetitive peak current	at V _{RRM}	150			25	mA
I _{FSM}	Surge foward current	10ms half sinewave	150			115	KA
I ² t I	² T for fusing coordination	V _R =0.6V _{RRM}				674	A ² s*10 ³
V _{FO}	Threshold voltage		150			0.80	V
r _F	Forward slop resistance					0.64	mΩ
V _{FM}	Peak foward voltage	I _M =900A	25			1.1	V
R _{th(j-c)}	Thermal resistance Junction to heatsink	Single side cooled				0.130	°C /W
F _m	Terminal connection torque(M6)				3.0		N.m
	Mounting torque(M6)				3.0		N.m
T _{stg}	Stored temperature			-40		125	°C
W _t	Weight				320		g
Outline							

OUTLINE DRAWING & CIRCUIT DIAGRAM



Rating and Characteristic

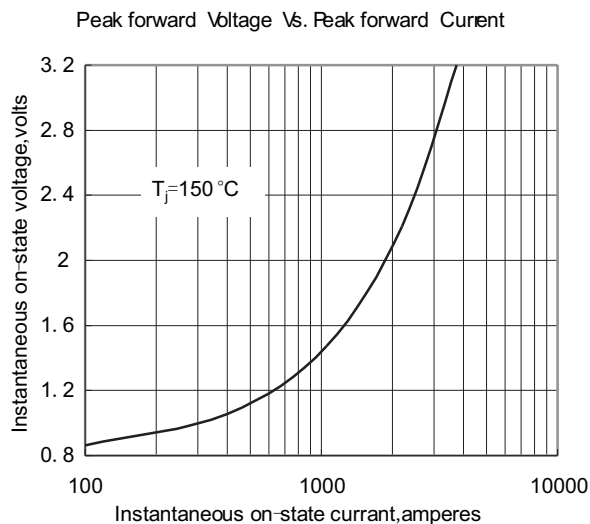


Fig. 1

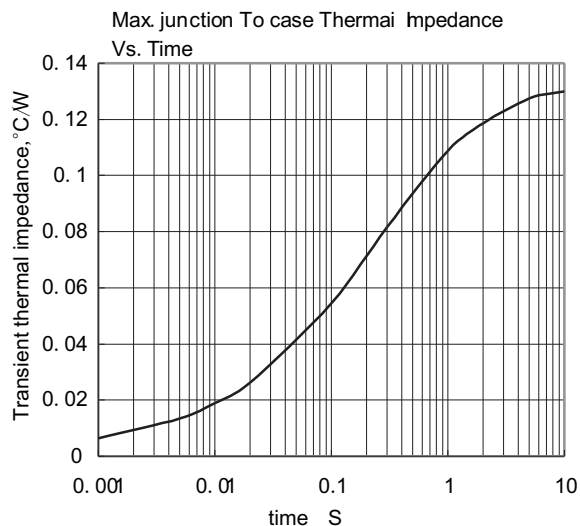


Fig. 2

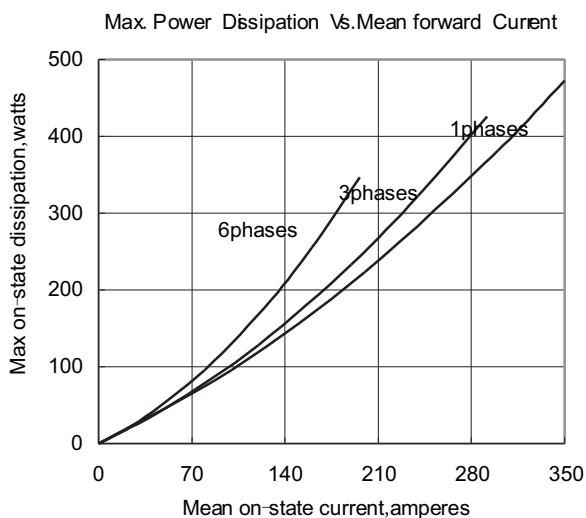


Fig. 3

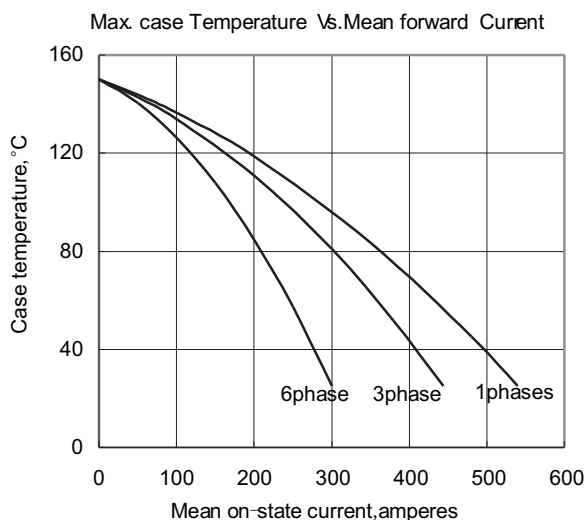


Fig. 4

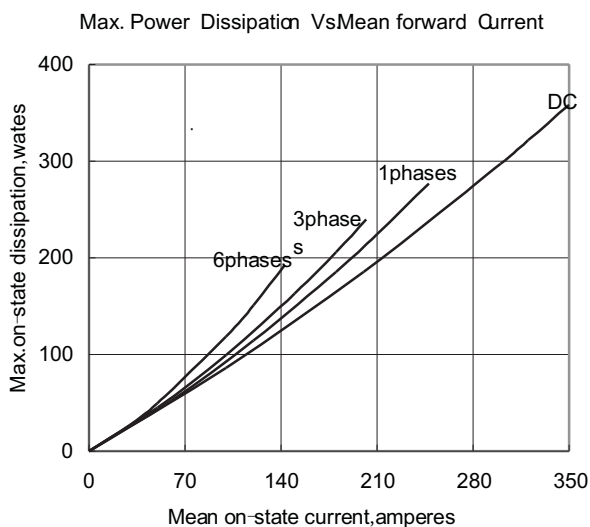


Fig. 5

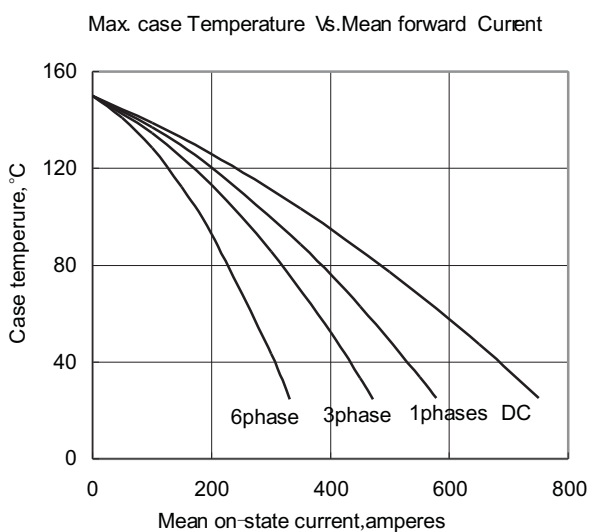


Fig. 6

Technical drawing of a three-phase terminal block, showing two views: a side elevation and a front view.

Side Elevation View (Top):

- Overall height: 46
- Height of the main body: 40
- Height of the mounting flange: 31
- Width of the mounting flange: 9
- Three mounting holes are shown on top, each with a hexagonal nut and washer.

Front View (Bottom):

- Overall width: 128
- Overall height: 35
- Width of the mounting flange: 14
- Distance between the centers of the three main terminals: 115
- Distance from the mounting flange to the first terminal: 33
- Distance between the first and second terminals: 31
- Distance between the second and third terminals: 31
- Three main terminals are shown, each with a hexagonal nut and washer. They are labeled 1, 2, and 3 from right to left.
- Terminal 1 is labeled with a callout: $2 - \phi 6.5$
- Terminal 2 is labeled with a callout: $3 - M6$
- Terminal 3 is labeled with a callout: $2 - \phi 6.5$
- Mounting flange on the left is labeled G3 and K3.
- Mounting flange on the right is labeled G1 and K1.
- Mounting flange on the bottom right is labeled G2 and K2.

