

## THREE PHASE BRIDGE RECTIFIERS

### PTB900



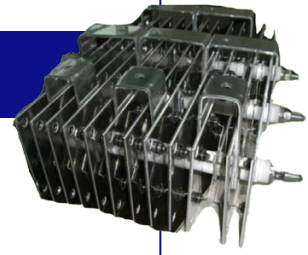
## FEATURES

- ☞ **Button diodes with heat sink**
- ☞ **Thermo state M.O .V.**
- ☞ **Compact size**
- ☞ **Low cost**

## TYPICAL APPLICATIONS

- ☞ **Co2 - welding machine**
- ☞ **DC power supplies**

**THREE PHASE  
 BRIDGE RECTIFIERS  
 PTB-600**



TECHNICAL DATA

**DEVICE TYPE**

$V_{RRM}$   
(V)

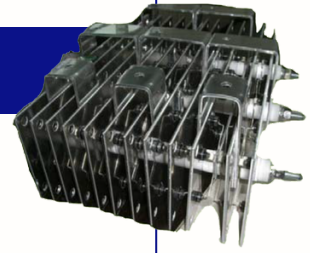
$V_{RSM}$   
(V)

<b>PTB-900/600</b>	<b>600</b>	<b>700</b>
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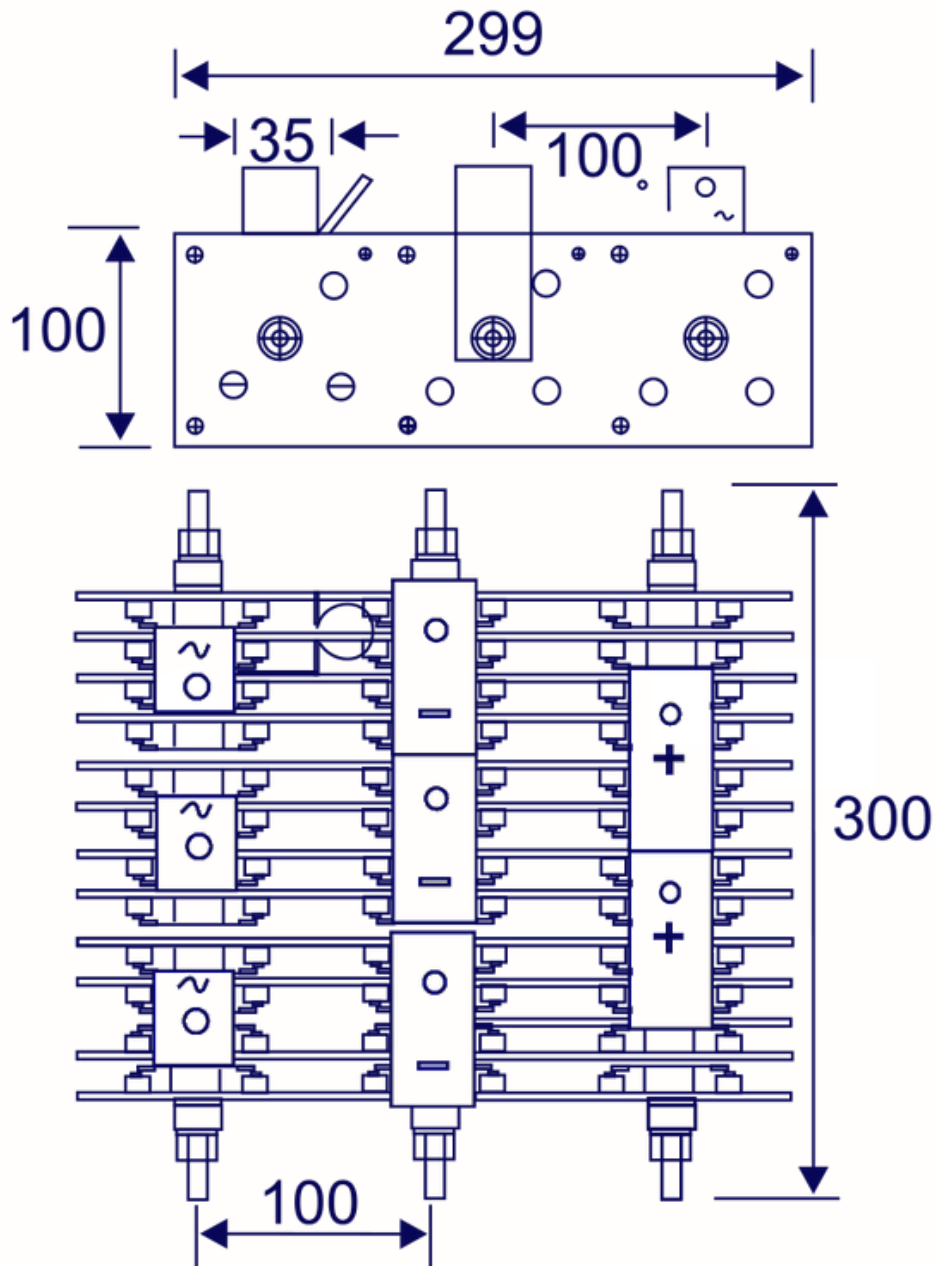
<b>SYMBOL</b>	<b>CONDITIONS</b>	<b>VALUES</b>
$I_{F(AV)}$	Maximum average forward Current $T_c = 100^\circ\text{C}$	900A
$V_{FM}$	Maximum peak forward Voltage drop @ 900 A	1.30 V
$I_{FSM}$	Maximum peak one cycle (non-rep.) surge current 10 msec	5500A
$I_{RRM}$	Peak reverse current at $T_{vj} = 175^\circ\text{C}$	25 mA
$T_{vj}$ $T_{stg}$	Junction temperature Storage temperature	140 °C 140 °C
Mounting torque		6 Nm/Bolt
Weight	Approx.	3.2 Kg
Duty cycle @ 60%		540A
Package Outline		IR- 28

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**PTB-600**



PACKAGE OUTLINE



**IR- 28**