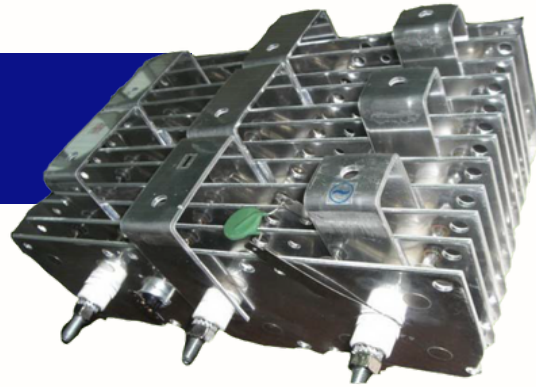


THREE PHASE BRIDGE RECTIFIERS

PTB1200



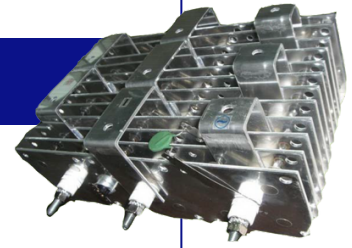
FEATURES

- ☞ **Compact size**
- ☞ **Low cost**
- ☞ **Industrial Grade**
- ☞ **Button diodes with heat sink**

TYPICAL APPLICATIONS

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

**THREE PHASE
 BRIDGE RECTIFIERS
 PTB1200**



TECHNICAL DATA

DEVICE TYPE

V_{RRM}
(V)

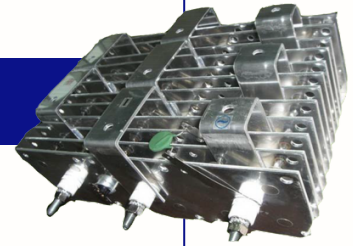
V_{RSM}
(V)

PTB-1200/600	600	700
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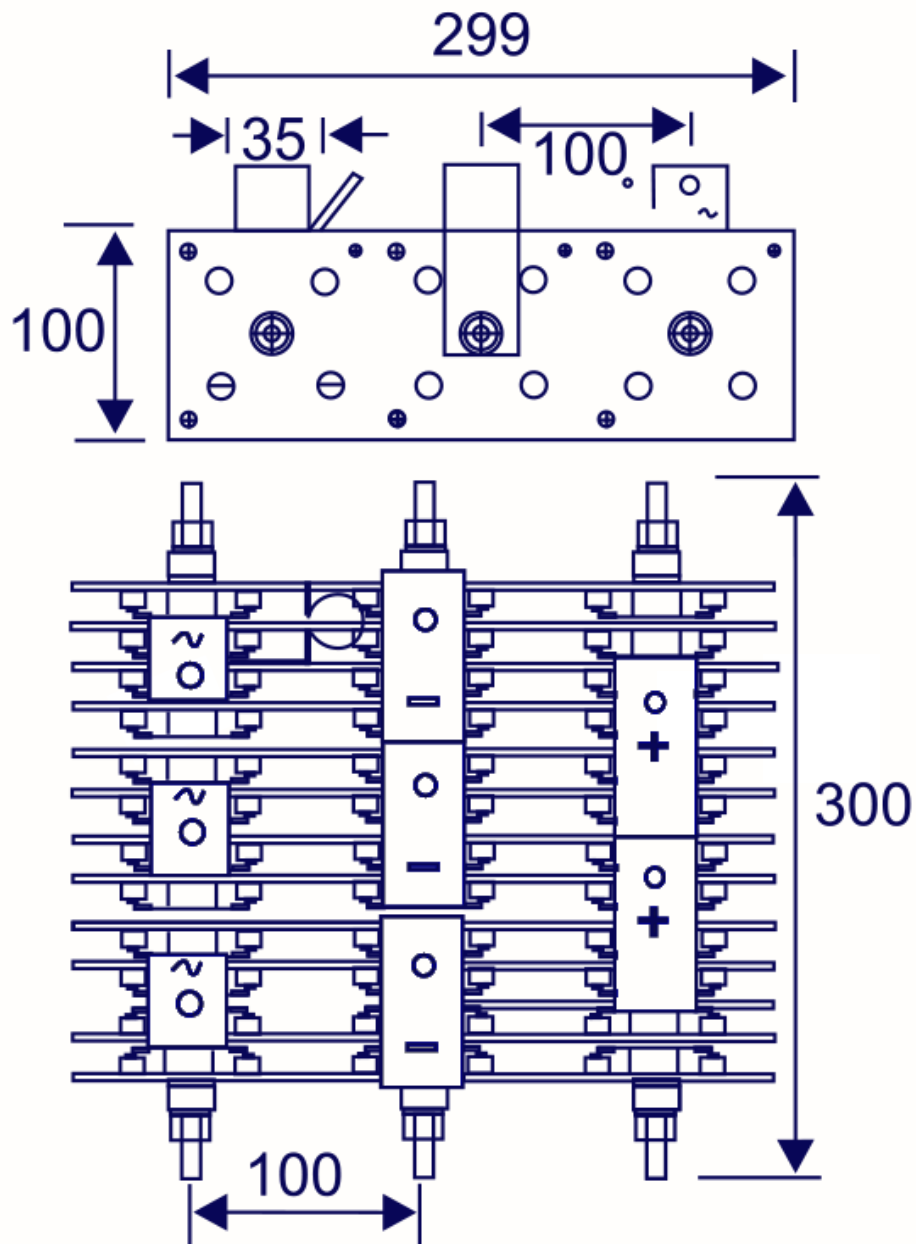
SYMBOL		CONDITIONS	VALUES
$I_{F(AV)}$		Maximum average forward Current $T_c = 100^{\circ}C$	1200A
V_{FM}		Maximum peak forward Voltage drop @ 1200 A	1.30 V
I_{FSM}		Maximum peak one cycle (non-rep.) surge current 10 msec	6500A
I_{RRM}		Peak reverse current at $T_{vj} = 175^{\circ}C$	30 mA
T_{vj}		Junction temperature	140 °C
T_{stg}		Storage temperature	140 °C
Mounting torque			6 Nm/Bolt
Weight		Approx.	4.0 Kg
Duty cycle @ 60%			720 A
Package Outline			IR- 29

**THREE PHASE
BRIDGE RECTIFIERS**

PTB1200



PACKAGE OUTLINE



IR- 29