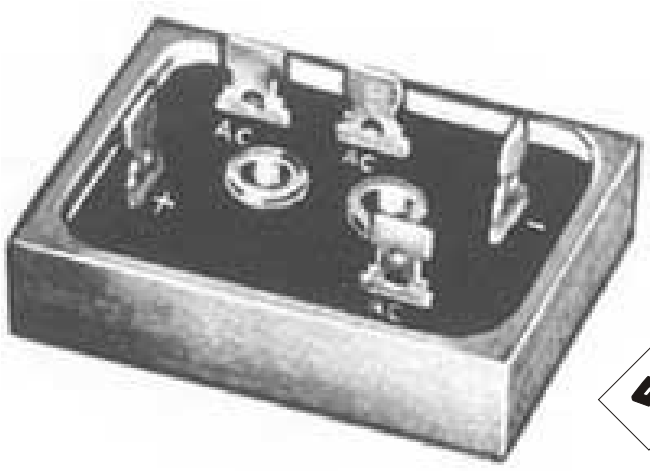
PWT

MINIBRIDGE ®
30 AMPERES
THREE-PHASE FULL-WAVE BRIDGES
HEAT SINK AND CHASSIS MOUNTING



This mark indicates recognition under the component program of Underwriters Laboratories, inc.

PWT SERIES

PRV/Leg	50V	100V	200V	400V	600V	800V	1000V	1200V	1400V
Type No.	PWT05	PWT10	PWT20	PWT40	PWT60	PWT80	PWT100	PWT120	PWT140

ELECTRICAL CHARACTERISTICS PER LEG
(at T_A=25 ℃ Unless Otherwise Specified)

Max.Forward Voltage Drop V_F=1.2 V @ I_F=	12	Amp
Max. DC Reverse Current @ PRV and 25 °C, I_R	10	μA
Max. DC Reverse Current @ PRV and 100 °C, I_R	100	μA
Max. Peak Surge Current, I_{FSM}(8.3ms)	400	Amp
Storage Temperature Range, T_{STG}	-55 to +175	°C
Thermal Resistance (Total Bridge), R θ_{j-c}	2.2typ.	°C/ W

EDI reserves the right to change these specifications at any time without notice

Figure 1
CURRENT DERATING

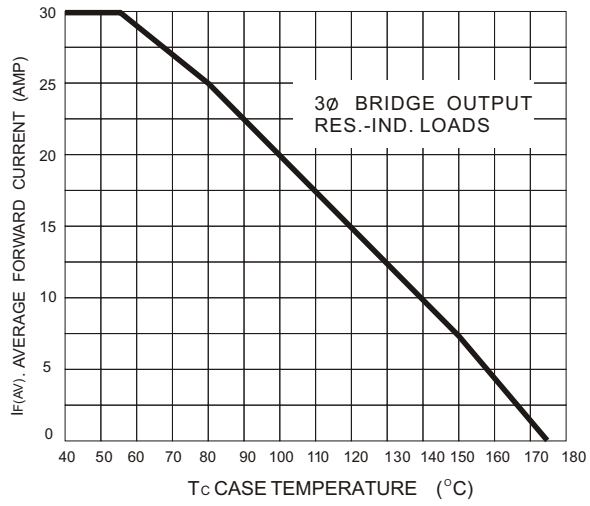


Figure 2
POWER DISSIP ATION

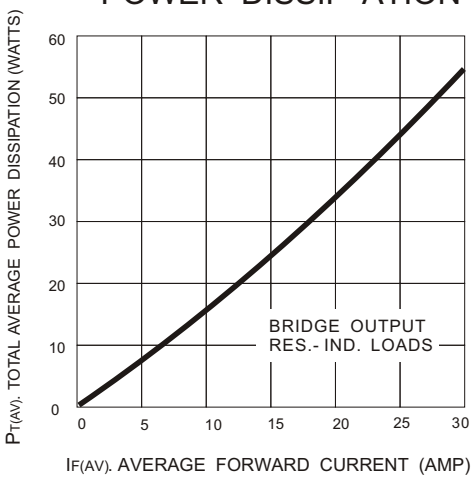


Figure 3
NON- REPETITIVE SURGE CURRENT

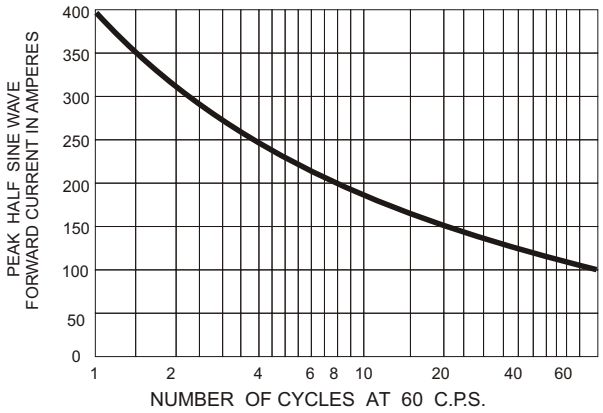
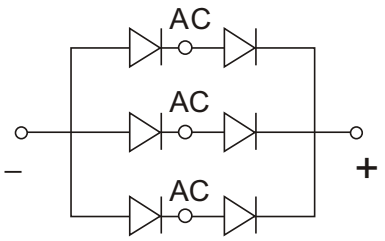
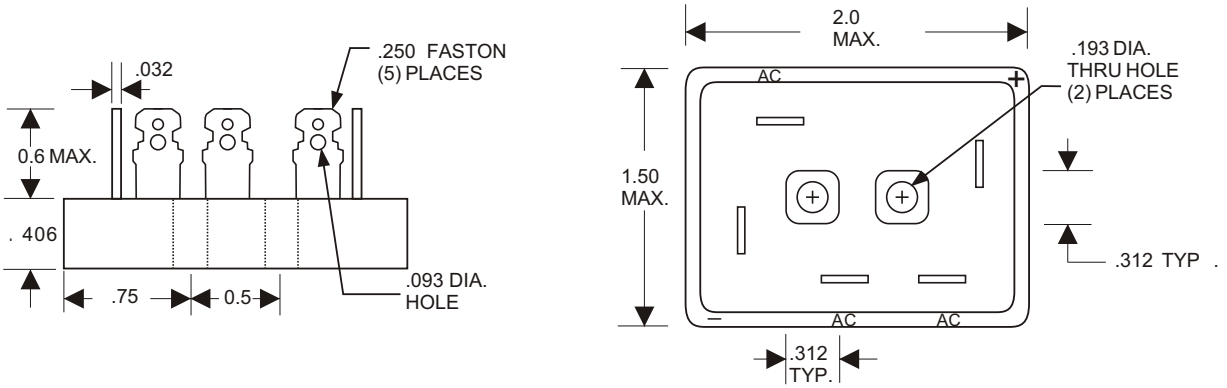


Figure 4
SCHEMATIC



PWT SERIES MECH. OUTLINE

Dielectric test voltage 1500 V RMS max, 50-60 Hz



NOTES: 1.Corrosion resistant terminals designed for .250 female quick connector, wrap around or solder.
2. A thin film of silicone thermal compound is recommended between the Minibridge ® case and mounting surface for improved thermal conduction.

ELECTRONIC DEVICES, INC. DESIGNERS AND MANUFACTURERS OF SOLID STATE DEVICES SINCE 1951.
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