



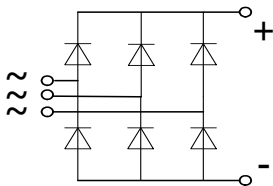
MD75S-M4

Applications

Three phase rectifiers for power supplies
Rectifiers for DC motor field supplies
Battery charger rectifiers
Input rectifiers for variable frequency drives

Features

Three phase bridge rectifier
Blocking voltage:800 to 1800V
Heat transfer through aluminum oxide DBC
ceramic isolated metal baseplate
Glass passivated chip
UL recognized applied for file no. E230084



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Maximum Ratings

Symbol	Conditions	Values	Units
ID	Three phase, full wave Tc=110	75	A
IFSM	t=10mS Tvj =45	1020	A
i²t	t=10mS Tvj =45	5500	A²s
Visol	a.c.50HZ;r.m.s.;1min	3000	V
Tvj		-40 to +150	
Tstg		-40 to +125	
Mt	To terminals(M5)	3±15%	Nm
Ms	To heatsink(M5)	3±15%Rth(j-c)	Per diode /W

ID	Rth(j-c) 75 A	Per Module	0.183 ~VRRM 800 to 1800V



