Single-phase/Three-phase bridge rectifier modules

RoHS COMPLIANT

Features

- Noninsulated and common electrode for base.
- International standard packaging.
- Total pressure structure,good ability of temperature characteristic and power cycle.
- Maximum operating junction temperature.
- Hight surge current.
- Low peak on-state voltage.



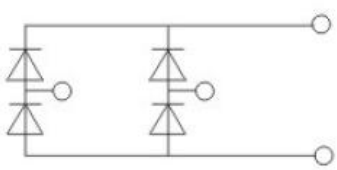
MDQ

Type	Id@Tc		V_{RRM}	V_{FM}@I_{FM}		I_{RRM}	$I_{F(AV)}$	$I_{F(RMS)}$	I_{FSM}	I^2T	V_{FO}	R_F	R_{jc}	T_{jm}	V_{iso}
	A	A	V	V	A	mA	A	A	A×10³	A²s×10⁴	v	mΩ	℃/W	℃	$V_{(A.C)}$
MDQ50	50	100	600~1600	1.25	75	4	25	60	1.0	0.5	0.80	9.0	0.24	150	2500
MDQ75	75	100	600~1600	1.38	110	8	38	70	1.2	0.72	0.80	7.0	0.2	150	2500
MDQ100	100	100	600~1600	1.2	150	10	50	86	1.5	1.14	0.80	4.5	0.14	150	2500
MDQ150	150	100	600~1600	1.38	230	15	75	106	2.1	2.21	0.80	3.8	0.1	150	2500

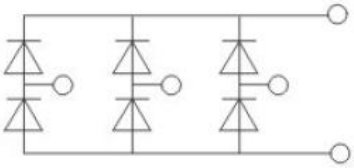
MDS

Type	Id@Tc		V_{RRM}	V_{FM}@I_{FM}		I_{RRM}	$I_{F(AV)}$	$I_{F(RMS)}$	I_{FSM}	I^2T	V_{FO}	R_F	R_{jc}	T_{jm}	V_{iso}
	A	A	V	V	A	mA	A	A	A×10³	A²s×10⁴	v	mΩ	℃/W	℃	$V_{(A.C)}$
MDS30	30	100	600~1600	1.1	30	2	10	25	0.5	0.12	0.80	9.0	0.44	150	2500
MDS50	50	100	600~1600	1.2	50	4	17	39	0.75	0.28	0.80	9.0	0.3	150	2500
MDS75	75	100	600~1600	1.25	75	4	25	47	1.00	0.51	0.80	7.0	0.24	150	2500
MDS100	100	100	600~1600	1.30	100	8	33	51	1.20	0.72	0.80	4.5	0.2	150	2500
MDS150	150	100	600~1600	1.20	150	10	50	71	1.50	1.14	0.80	3.8	0.14	150	2500
MDS175	175	100	600~1600	1.51	175	12	58	83	2.70	3.88	0.80	3.1	0.14	150	2500
MDS200	200	100	600~1600	1.35	200	15	67	95	2.1	2.21	0.80	2.8	0.1	150	2500

MDQ



MDS



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