

Electrical Accessories

Standard Recovery Diodes	Type	average forward current IF(AV) A	forward RMS current (IFRMS A)	Peak forward voltage (VFM V)	Repetitive peak reverse voltage (VRRM V)	Repetitive peak reverse current (IRRMmA)	Crust thermal resistance (Rjc °C/W)	Operating junction temperature (Tj °C)	Weight (kg)	Outline (Fig)
	ZP5A	5	7.9	≤1.6	100~5000	≤2	≤4.0	-40~150	10	A1
	ZP10A	10	16	≤1.6	100~5000	≤2	≤2.5	-40~150	25	A2
	ZP20A	20	31	≤1.6	100~5000	≤6	≤1.4	-40~150	27	A3/C1
	ZP30A	30	47	≤1.6	100~5000	≤6	≤1.0	-40~150	110	C2
	ZP50A	50	79	≤1.6	100~5000	≤12	≤0.6	-40~150	140	C3
	ZP100A	100	160	≤1.8	100~5000	≤12	≤0.3	-40~150	205	C4
	ZP200A	200	310	≤1.8	100~5000	≤12	≤0.2	-40~150	325	C5
	ZP300A	300	470	≤1.8	100~5000	≤15	≤0.11	-40~150	470	C6
	ZP500A	500	630	≤1.8	100~5000	≤15	≤0.068	-40~150	925	C7

Phase Control Thyristors	Type	Mean On-state current IT (AV) A	On-state RMS current (IFRMS A)	Peak on-state voltage (VTM V)	Repetitive peak forward/reverse voltage (VRRM V)	Repetitive peak forward/reverse current (IDRM mA)	Trigger current (IGT mA)	Trigger voltage (VGT V)	Holding current (IH mA)	Critical rate of rise of on-state voltage (di/dt V/ms)	Critical rate of rise of on-state current (di/dt A/ms)	Operation junction temperature (Tj °C)	Crust thermal resistance (Rjc °C/W)	Weight (kg)	Outline (Fig)
	KP5A	5	8	≤2.2	100~2000	≤8.0	5~45	≤2.5	5~45	≥500	-	-40~+125	≤3.0	12	B1
	KP10A	10	16	≤2.2	100~2000	≤8.0	5~45	≤2.5	5~45	≥500	-	-40~+125	≤2.5	27	B2
	KP20A	20	32	≤2.2	100~2000	≤8.0	5~45	≤2.5	5~45	≥500	-	-40~+125	≤1.0	29	B3/D1
	KP30A	30	48	≤2.2	100~2000	≤10	5~50	≤2.5	5~50	≥800	≥100	-40~+125	≤0.5	112	D2
	KP50A	50	80	≤2.4	100~2000	≤10	5~150	≤2.5	5~150	≥800	≥100	-40~+125	≤0.14	142	D3
	KP100A	100	160	≤2.4	100~2000	≤10	5~200	≤2.5	5~200	≥800	≥100	-40~+125	≤0.11	207	D4
	KP200A	200	320	≤2.6	100~2000	≤10	5~200	≤2.5	5~200	≥800	≥100	-40~+125	≤0.11	327	D5
	KP300A	300	480	≤2.6	100~2000	≤30	5~200	≤2.5	5~200	≥800	≥100	-40~+125	≤0.08	472	D6
	KP500A	500	800	≤2.6	100~2000	≤30	5~200	≤2.5	5~200	≥800	≥100	-40~+125	≤0.04	927	D7

Bridge Rectifiers	Type	Peak forward voltage (VFM V)	Repetitive peak reverse voltage (VRRM V)	Repetitive peak reverse current (IRRMmA)	Insulation voltage (VISOL V)	Operating junction temperature (Tj °C)	Weight (kg)	Outline (Fig)
	KBPC5A-35A	≤1.30	100-1600V	5	2500V	-40 °C ~ 150 °C	29	
	QL15A-40A	≤1.30	100-1600V	5	2500V		35	
	QL25A-50A	≤1.30	100-1600V	5	2500V		47	
	QL320A-100A	≤1.30	100-1600V	7	2500V		315	
	QL4150A-300A	≤1.30	100-1600V	10	2500V		1200	
	SQL320A-100A	≤1.30	100-1600V	7	2500V		315	
	SQL4150A-300A	≤1.30	100-1600V	10	2500V		1200	
	ZPQ10A-40A	≤1.30	100-1600V	5	2500V		220	
	4ZQ10A-40A	≤1.30	100-1600V	5	2500V		150	
	6ZQ10A-40A	≤1.30	100-1600V	5	2500V		359	