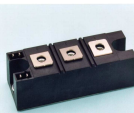


Unité de production
428 avenue Georges Durand BP 23131
72003 LE MANS Cedex 1
France
Tel : 33 (0) 2 43 41 14 14
Fax : 33 (0) 2 43 41 14 02
www.powerex.fr

All our standard modules are RoHS compliant



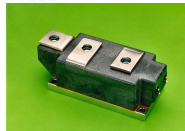
CD4



CD6



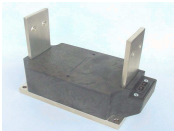
ND4



LD4



LS4



PA4, PD4, PS4

Thyristor isolated Module SELECTOR GUIDE

TYPE	IT(AV) at Tc			ITSM (2) 1 pulse (kA)	I ² t for fusing (kA ² s)	storage temperature (°C)	Junction temperature range (°C)	V isolation 25°C (V rms)	VDRM / VRRM max T _J = T _J max (V)	IRRM IDRM typical T _J = T _J max (mA)	V _o r _t T _J = T _J max (V) (m°)	R _{th} JC per module Both conducting (°C/W)	R _{th} JC per Junction Both conducting (°C/W)	R _{th} CS per module (°C/W)	t _q typical T _J = T _J max (μs)	ton typical (μs)	di/dt Min repetitive (A/μs)	dV/dt Min T _J = T _J max (V/μs)	I _{gt} Max 25°C (mA)	V _{gt} Max 25°C (V)	PACKAGE INFORMATION				
	(A)	(°C)	current code																		Max Mounting torque	Construction	Style	base plate dimensions (mm)	
DUAL SCR																									
CD43-90C	90	85	90	2.0@10ms	20.4@10ms	-40 to 125	-40 to 125	2500	1800	10	0.800	3.010	-	0.28	0.15	-	-	100	800	100	2.5	(M5) 4 Nm	Compression bonded	Dual SCR	92x21
CD43-95C	100	88	99	2.4@10ms	29@10ms	-40 to 125	-40 to 125	2500	1800	12	0.800	3.010	-	0.25	0.15	-	-	100	800	100	2.5	(M5) 4 Nm	Compression bonded	Dual SCR	92x21
CD63-15C	150	86	15	5.4@10ms	146@10ms	-40 to 125	-40 to 125	2500	1800	25	0.800	1.690	-	0.17	0.08	-	-	100	800	150	2.5	(M6) 6 Nm	Compression bonded	Dual SCR	94x34
CD63-15C	150	83	15	4.5@10ms	103@10ms	-40 to 125	-40 to 125	3000	2500	25	1.100	1.960	-	0.17	0.08	-	-	100	800	150	2.5	(M6) 6 Nm	Compression bonded	Dual SCR	94x34
ND43-21	210	92	21	8.8@8.3ms	320@8.3ms	-40 to 150	-40 to 130	2500	2000	50	0.813	0.810	0.07	0.14	0.03	150	7	800 (3)	500	150	3	(M6) 5 Nm	Compression bonded	Dual SCR	93x50
ND43-25	250	89	25	8.8@8.3ms	322@8.3ms	-40 to 150	-40 to 130	2500	1600	50	0.819	0.588	0.07	0.14	0.03	150	7	800 (3)	500	150	3	(M6) 5 Nm	Compression bonded	Dual SCR	93x50
ND43-33	330	71	33	9.1@8.3ms	421@10ms	-40 to 150	-40 to 130	2500	1600	50	0.819	0.588	0.07	0.14	0.03	150	7	800 (3)	500	150	3	(M6) 5 Nm	Compression bonded	Dual SCR	93x50
ND43-25	250	83	25	8.8@8.3ms	322@8.3ms	-40 to 150	-40 to 130	2500	2000	50	0.813	0.810	0.07	0.14	0.03	150	7	800 (3)	500	150	3	(M6) 5 Nm	Compression bonded	Dual SCR	93x50
NDW3-38	380	40 (Twater)	38	8.8@8.3ms	322@8.3ms	-40 to 150	0 to 130	2500	1800	50	0.877	0.731	0.068 (R _{th} jw)	0.136 (R _{th} jw)	-	150	7	800 (3)	500	150	3	(M6) 5 Nm	Compression bonded	Dual SCR	93x50 (Water cooled)
LD83-24	240	74	24	8.25@10ms	340@10ms	-40 to 150	-40 to 125	3600	4000	75	1.563	2.141	0.325	0.065	0.01	250	-	150	1000 typ	200	3	(M6) 6 Nm	Compression bonded	Dual SCR	124x60
LD43-43	430	80	43	10@10ms	500@10ms	-40 to 150	-40 to 125	3000	2200	80	0.880	0.660	0.325	0.065	0.01	-	-	200	1000 typ	200	3	(M6) 6 Nm	Compression bonded	Dual SCR	124x60
LD43-50 +	500	86	50	16.3@10ms	1330@10ms	-40 to 150	-40 to 130	3000	1600	80	0.810	0.320	0.325	0.065	0.01	-	-	200	1000 typ	200	3	(M6) 6 Nm	Compression bonded	Dual SCR	124x60
LD431850 +	500	84	50	16.3@10ms	1330@10ms	-40 to 150	-40 to 130	3000	1800	80	0.916	0.280	0.325	0.065	0.01	-	-	200	1000 typ	200	3	(M6) 6 Nm	Compression bonded	Dual SCR	124x60
LD83-50 (4)	500	85	50	15.5@10ms V _r =C	2000@10ms V _r =C	-40 to 125	-40 to 130	3000	1600-1800	70	0.850	0.400	0.325	0.065	0.01	250	-	400	1000	250	2.5	(M6) 6 Nm	Compression bonded	Dual SCR	124x60
LDX31870	700	89 (Twater)	70	16.3@10ms	1330@10ms	-40 to 150	-40 to 130	3000	1800	80	0.916	0.280	0.05 (R _{th} jw)	0.100 (R _{th} jw)	-	-	-	200	1000 typ	200	3	(M6) 6 Nm	Compression bonded	Dual SCR	124x60 (Water Cooled)
PD43-06	600	81	06	26.9@10ms	3620@10ms	-40 to 150	-40 to 125	4000	2400	100	0.869	0.237	0.029	0.058	0.009	-	-	150	300	200	4.5	(M6) 15 Nm	Compression bonded	Dual SCR	178x102
PD43-07	700	82	07	36.5@10ms	6660@10ms	-40 to 150	-40 to 125	4000	1800	100	0.703	0.184	0.029	0.058	0.009	-	-	150	300	200	4.5	(M6) 15 Nm	Compression bonded	Dual SCR	178x102
SINGLE SCR																									
LS83-24	240	74	24	5@10ms	126@10ms	-40 to 150	-40 to 125	3600	4000	75	1.563	2.141	0.065	-	0.02	250	-	150	1000 typ	200	3	(M6) 6 Nm	Compression bonded	Single SCR	92x50
LS43-43	430	80	43	10@10ms	500@10ms	-40 to 150	-40 to 130	3000	2200	80	0.880	0.660	0.065	-	0.02	-	-	200	1000 typ	200	3	(M6) 6 Nm	Compression bonded	Single SCR	92x50
LS43-50	500	86	50	16.3@10ms	1328@10ms	-40 to 150	-40 to 130	3000	1600	80	0.810	0.320	0.065	-	0.02	-	-	200	1000 typ	200	3	(M6) 6 Nm	Compression bonded	Single SCR	92x50
LN43-85	850	89	85	27.7@10ms	3830@10ms	-40 to 150	-40 to 130	3000	1800	160	0.905	0.160	0.0325	-	0.01	-	-	200	1000 typ	400	3	(M10) 12Nm	Compression bonded	Single SCR	124x60
PS43-15	1500	76	15	49.8@10ms	12380@10ms	-40 to 150	-40 to 125	3000	2400	300	0.849	0.130	0.024	-	0.009	-	-	150	300	400	4.5	(M6) 15 Nm	Compression bonded	Single SCR	178x102
PS43-15	1500	86	15	82@10ms	19220@10ms	-40 to 150	-40 to 125	4000	1800	200	0.691	0.102	0.024	-	0.009	-	-	150	600	400	4.5	(M6) 15 Nm	Compression bonded	Single SCR	178x102
AC SWITCHES																									
PA43-06	600	81	06	26.9@10ms	3620@10ms	-40 to 150	-40 to 125	4000	2400	100	0.869	0.237	0.029	0.058	0.009	-	-	150	300	200	4.5	(M6) 15 Nm	Compression bonded	AC Switch	178x102
PA43-07	700	82	07	36.5@10ms	6660@10ms	-40 to 150	-40 to 125	4000	1800	100	0.703	0.184	0.029	0.058	0.009	-	-	150	300	200	4.5	(M6) 15 Nm	Compression bonded	AC Switch	178x102
FAST SWITCH SCR																									
LS461821C0	210	86	21	5.76@10ms	1.66@10ms	-40 to 150	-40 to 125	3000	1800	50	1.810	1.030	0.0781	-	0.02	70	2	800	300	150	3	(M6) 15 Nm	Compression bonded	Single SCR	92x50



FAST & INVERTER THYRISTORS SELECTOR GUIDE

TYPE	VDRM / (4) VRRM max Tj = Tj max (V)	IDRM IRRM typical Tj = Tj max (mA)	IT(AV) at Tc			ITSM (2) 1 pulse 8.3ms (kA)	I2t for fusing @8.3ms (kA2s)	Junction temperature range (°C)	Chip size (mm)	storage temp. (°C)	RthJC (3) (°C/W)	tq (4) typical Tj = Tj max (µs)	di/dt Min repetitive on-state (A/µs)	dV/dt Min Tj = Tj max (V/µs)	Vgt Max 25°C (V)	Igt Max 25°C (mA)	PACKAGE INFORMATION				contact/ flange/ height (mm)
			(A)	(°C)	current code												Max mounting force or torque	Style	Outline		
STUD THYRISTORS																					
Up to 1400V																					
T507--40	1400	15	40	70	40	1	4	- 40 to 125	16	- 40 to 150	0,28	10 to 50	100	200	3	150	15 Nm	1/2"-20 Stud (1')	T50	-	
T507--70	1400	15	70	70	70	1,2	6	- 40 to 125	16	- 40 to 150	0,28	10 to 50	100	200	3	150	15 Nm	1/2"-20 Stud (1')	T50	-	
T507--80	1400	15	80	70	80	1,4	8,1	- 40 to 125	16	- 40 to 150	0,28	10 to 50	150	200	3	150	15 Nm	1/2"-20 Stud (1')	T50	-	
T607--13	1200	25	125	70	13	3,5	50	- 40 to 125	23	- 40 to 150	0,13	10 to 50	200	300	3	150	33 Nm	3/4"-16 Stud (1')	T60	-	
T607--15	1200	25	150	70	15	4	65	- 40 to 125	23	- 40 to 150	0,13	10 to 50	250	300	3	150	33 Nm	3/4"-16 Stud (1')	T60	-	
T607--18	1200	25	175	70	18	4,5	84	- 40 to 125	23	- 40 to 150	0,13	10 to 50	300	300	3	150	33 Nm	3/4"-16 Stud (1')	T60	-	
T627--15	1200	25	150	70	15	3,5	50	- 40 to 125	23	- 40 to 150	0,08	10 to 50	200	300	3	150	4,5 to 6,3 kN	Press pak	T62	20/42/13,6	
T627--20	1200	25	200	70	20	4	65	- 40 to 125	23	- 40 to 150	0,08	10 to 50	250	300	3	150	4,5 to 6,3 kN	Press pak	T62	20/42/13,6	
T627--25	1200	25	250	70	25	4,5	84	- 40 to 125	23	- 40 to 150	0,08	10 to 50	300	300	3	150	4,5 to 6,3 kN	Press pak	T62	20/42/13,6	
T707--25	1200	30	250	70	25	7	205	- 40 to 125	33	- 40 to 150	0,1	25 to 60	300	300	3	150	39 Nm	3/4"-16 Stud (1')	T70	-	
T707--28	1000	30	275	70	28	7	205	- 40 to 125	33	- 40 to 150	0,1	10 to 50	300	300	3	150	39 Nm	3/4"-16 Stud (1')	T70	-	
T707--30	1400	30	300	70	30	8	265	- 40 to 125	33	- 40 to 150	0,1	25 to 60	400	300	3	150	39 Nm	3/4"-16 Stud (1')	T70	-	
T707--33	800	30	325	70	33	8	265	- 40 to 125	33	- 40 to 150	0,1	10 to 50	400	300	3	150	39 Nm	3/4"-16 Stud (1')	T70	-	
PRESS PAK THYRISTORS																					
Up to 800V																					
T727--40	800	30	400	70	40	7	205	- 40 to 125	33	- 40 to 150	0,06	10 to 50	300	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4	
T727--48	800	30	475	70	48	8	265	- 40 to 125	33	- 40 to 150	0,06	10 to 50	400	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4	
T7S7--55	800	30	550	70	55	8,5	300	- 40 to 125	33	- 40 to 150	0,035	10 to 50	300	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4	
T72H--40	800	35	400	70	40	7	205	- 40 to 125	33	- 40 to 150	0,06	10 to 20	500	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4	
T7S7--65	800	30	650	70	65	9,5	376	- 40 to 125	33	- 40 to 150	0,035	10 to 50	400	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4	
T72H--48	800	35	475	70	48	8	265	- 40 to 125	33	- 40 to 150	0,06	20 to 40	600	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4	
T7SH--50	800	35	500	70	50	8,5	300	- 40 to 125	33	- 40 to 150	0,045	10 to 20	500	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4	
T7SH--60	800	35	600	70	60	9	338	- 40 to 125	33	- 40 to 150	0,045	20 to 40	600	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4	
Up to 1400V																					
T7H6--49	1200	60	515	85	49	7,6@10ms Vr=0	289@10ms Vr=0	- 40 to 125	30	- 50 to 175	0,04	30	-	300	3	200	8,9to 10,7kN	Press pak (6)	T7H	25/42/14,8	
T727--35	1400	30	350	70	35	7	205	- 40 to 125	33	- 40 to 150	0,06	15 to 60	300	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4	
T727--45	1400	30	450	70	45	8	265	- 40 to 125	33	- 40 to 150	0,06	15 to 60	400	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4	
T7S7--50	1200	30	500	70	50	8	265	- 40 to 125	33	- 40 to 150	0,035	25 to 60	300	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4	
T7S7--60	1200	30	600	70	60	9	338	- 40 to 125	33	- 40 to 150	0,035	15 to 60	400	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4	
T72H--35	1200	35	350	70	35	7	205	- 40 to 125	33	- 40 to 150	0,06	10 to 50	500	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4	
T72H--45	1400	35	450	70	45	7,5	234	- 40 to 125	33	- 40 to 150	0,06	25 to 50	600	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4	
T7SH--40	1200	35	400	70	40	8	267	- 40 to 125	33	- 40 to 150	0,045	10 to 50	500	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4	
T7SH--45	1400	35	450	70	45	8,5	300	- 40 to 125	33	- 40 to 150	0,045	25 to 50	600	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4	
T826--75	1200	70	970	55	75	11,7@10ms Vr=0	685@10ms Vr=0	- 40 to 125	38	- 50 to 175	0,025	20	-	300	3	200	13,3to 17,8kN	Press pak (6)	T82	35/60/26,4	

T82F--65	1200	45	650	70	65	8,5	300	- 40 to 125	38	- 40 to 150	0,037	15 to 50	400	400	3	200	16 to 18 kN	Press pak (5)	T82	35/60/26,4
T82F--75	1200	45	750	70	75	10	416	- 40 to 125	38	- 40 to 150	0,037	25 to 60	500	400	3	200	16 to 18 kN	Press pak (5)	T82	35/60/26,4
T9K6--09	1400	130	1180	55	09	16,15@10ms Vr=0	1300@10ms Vr=0	- 40 to 125	50	- 50 to 175	0,02	25	-	300	3	200	22,2to 24,5kN	Press pak (6)	T9K	47/75/27,7
T9GH--10	1200	90	1000	70	10	15	937	- 40 to 125	50	- 40 to 150	0,023	20 to 60	500	400	3	300	22 to 25 kN	Press pak (5)	T9G	47/75/26,7
T9GH--11	1200	90	1100	70	11	17	1203	- 40 to 125	50	- 40 to 150	0,023	40 to 60	600	400	3	300	22 to 25 kN	Press pak (5)	T9G	47/75/26,7
C458--	1400	65	-	-	-	16	160	- 40 to 125	50	- 40 to 150	0,023	30 to 35	400	500	5	200	22,2 to 26,6 kN	Press pak (5)	T9G	47/75/26,7

Up to 2000V

T72H--42	1800	35	420	70	42	6,8	192	- 40 to 125	33	- 40 to 150	0,06	80 to 100	400	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4
T72H--30	1800	35	300	70	30	7	205	- 40 to 125	33	- 40 to 150	0,06	40 to 60	300	300	3	150	9 to 11 kN	Press pak	T72	35/60/26,4
T7SH--36	1800	35	360	70	36	8	267	- 40 to 125	33	- 40 to 150	0,045	40 to 60	300	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4
T7SH--46	1800	35	460	70	46	8,5	300	- 40 to 125	33	- 40 to 150	0,045	80 to 100	400	300	3	150	9 to 11 kN	Press pak	T7S	30/49/14,4
C612--	2000	45	600	70	-	9	336	- 40 to 125	38	- 40 to 150	0,045	55 to 60	200	200	5	150	16 to 18 kN	Press pak (5)	T82	35/60/26,4
C613--	2000	45	550	70	-	6,5	175	- 40 to 125	38	- 40 to 150	0,045	45 to 50	200	400	5	180	16 to 18 kN	Press pak (5)	T82	35/60/26,4
C712--	2000	90	1100	70	-	20	1660	- 40 to 125	50	- 40 to 125	0,023	55	200	500	5	200	22,2 to 26,6 kN	Press pak (5)	T9G	47/75/26,7
C713--	2000	60	1000	70	-	15	934	- 40 to 125	50	- 40 to 150	0,023	45 to 50	200	500	5	200	22,2 to 26,6 kN	Press pak (5)	T9G	47/75/26,7
C714--	2000	60	925	70	-	16	160	- 40 to 125	50	- 40 to 150	0,023	40 to 45	200	500	5	200	22,2 to 26,6 kN	Press pak (5)	T9G	47/75/26,7
C770--	2000	150	2100	70	-	33@10ms Vr=0	5444@10ms Vr=0	- 40 to 125	77	- 50 to 150	0,01	60	300	1000	4	250	40 to 44,5 kN	Press pak (5)	TB2	73/113/38

ORDERING INFORMATION

Select the complete part number you desire from the following table

Type	Fast inverter thyristor	Voltage (V) VRRM	Code	Current (A) IF(AV) code	Turn off		Igt max		Leads code
					tq (µs)	code	mA	code	
T50	7	200	02	select the current code in IFAV column	8	9	100	5	See our standard codes on drawings
T60	7	400	04		10	8	120	F	
T62	7	"	"		12	S	150	4	
T70	7	1000	10		15	7	180	G	
T7H	6	"	10		17	U	200	3	
T72	7/H	"	"		20	6	250	H	Other leads are available on request
T7S	7/H	1600	16		25	B	300	2	
T8K	6	"	"		30	5	350	L	
T82	F	"	"		35	D	500	1	
T9K	6	"	"		40	4			
T9G	H	2000	20		50	3			
					55	J			
					60	2			
					70	C			
					80	1			
					100	K			
					125	M			
					150	N			
					175	P			
					200	Q			
					250	R			

7 : center fired di/namic gate

6 : interdigitated, di/namic gate structure

F/H : interdigitated, di/namic gate structure

Type	Voltage (V) VRRM		Code
C612	600		M
C613	800		N
C458	1000		P
C712	1200		PB
C713	1400		PD
C714	1600		PM
C770	1800		PN
	2000		L

interdigitated, di/namic gate structure

Notes

(1) = Available with metric thread on request

(2) =100% reapplied voltage

(3) = DC Value

(4) = Maximum voltage not always available with tq m

(5) = Available with flat package T8A / T9A / TBT

(6) = gold doped thyristor

Examples :

T507 12 80 75 AW

T50 : T50 case thread 1/2" (stud)

7 : fast thyristor

12 : VRRM/VDRM = 1200 V

80 : IF(AV) = 80 A

05 : tq•15µs; IGT max=100mA

AW : lead lenght 163 mm

T9GH1210B3KL

T9G : T9G case press pak

H : inverter thyristor

12 : VRRM/VDRM = 1200 V

10 : IF(AV) = 1000 A

B3 : tq•25µs; IGT max=200mA

KL : lead lenght 300 mm with eyelets

C770PN

C770 : TB2 case press pak, Inverter thyristor

PN : VRRM/VDRM=1800V

All values shown in this document are subject to change for product improvement. The information, diagrams and all other data included herein are believed to be correct and reliable.

Unité de production

428 avenue Georges Durand BP 23131

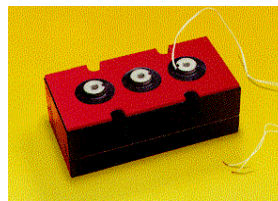
72003 LE MANS Cedex 1

France

Tel : 33 (0) 2 43 41 14 14

Fax : 33 (0) 2 43 41 14 02

www.powerex.fr



P1Z / P2Z / P3Z / P7Z

Thyristor / Diode Isolated Module POW-R-BRIKs SELECTOR GUIDE

TYPE	VDRM / VRRM	IT(AV) at Tc (180° sin)		Maximum Power dissipation	IT(RMS) E1	IT(RMS) E2	Vgt Max 25°C (V)	Igt Max 25°C (mA)	di/dt non repetitive (A/μs)	dV/dt Min Tj = Tj max (V/μs)	RthJC per module (°C/W)	RthCS per module (°C/W)	RthCA per module (°C/W)	Tj max °C	PACKAGE INFORMATION	
	Tj = Tj max (V)	(A)	(°C)												(W)	(A)
DIODE / DIODE MODULES																
P1Z7AAR700W--	2200-3000	355	105	1125	7000	7000	-	-	-	-	0,04	0,010	0,10	150	7/16-14 UNC-2B	153 x 77
P1Z7ABR800W--	1200-2200	435	105	1125	9000	9000	-	-	-	-	0,04	0,010	0,10	150	7/16-14 UNC-2B	153 x 77
P1Z9AAR900W--	2200-3000	590	105	1500	16000	16000	-	-	-	-	0,03	0,008	0,08	150	7/16-14 UNC-2B	190x94
P1Z9ACR900W--	800-1200	740	105	1500	30000	30000	-	-	-	-	0,03	0,008	0,08	150	7/16-14 UNC-2B	190x94
P1Z9ADR900W--	600	800	110	1330	50000	50000	-	-	-	-	0,03	0,008	0,08	150	7/16-14 UNC-2B	190x94
P1ZAABRA00W--	2200-3000	1270	80	-	-	-	-	-	-	-	0,03	0,008	0,08	150	7/16-14 UNC-2B	216x110
P1ZAACRA00W--	1800-2200	1420	80	-	-	-	-	-	-	-	0,03	0,008	0,08	150	7/16-14 UNC-2B	216x110
P1ZAADRA00W--	1200-1800	1585	80	-	-	-	-	-	-	-	0,03	0,008	0,08	150	7/16-14 UNC-2B	216x110
HALF CONTROLLED SCR / DIODE MODULES																
P2Z7ABB700W--	1600-2200	380	85	1100	9000	9000	3	150	600	600	0,04	0,010	0,10	130	7/16-14 UNC-2B	153 x 77
P2Z7ACB700W--	1200-1600	395	85	1100	10000	14000	3	150	600	600	0,04	0,010	0,10	130	7/16-14 UNC-2B	153 x 77
P2Z9AAA900W--	2000-3000	430	85	1325	15000	16000	3	200	600	600	0,03	0,008	0,08	125	7/16-14 UNC-2B	190x94
P2Z9ABA900W--	1600-2000	520	85	1465	17000	16000	3	200	600	600	0,03	0,008	0,08	130	7/16-14 UNC-2B	190x94
P2Z9ACA900W--	1200-1600	590	85	1465	25000	16000	3	200	600	600	0,03	0,008	0,08	130	7/16-14 UNC-2B	190x94
P2ZAABA00W--	1200-2200	880	80	-	-	-	3	200	400	400	0,03	0,008	0,08	125	7/16-14 UNC-2B	216x110
FULL CONTROL SCR / SCR MODULES																
P3Z7ABT700W--	1600-2200	345	85	1095	9000	9000	3	150	600	300	0,04	0,010	0,10	130	7/16-14 UNC-2B	153 x 77
P3Z7ACT700W--	1200-1600	375	85	1095	1000	1000	3	150	600	300	0,04	0,010	0,10	130	7/16-14 UNC-2B	153 x 77
P3Z7AAT800W--	2200-3000	300	85	1095	10000	10000	3	150	600	300	0,04	0,010	0,10	130	7/16-14 UNC-2B	153 x 77
P3Z7ABT800W--	1400-2200	390	85	1095	12000	12000	3	150	600	300	0,04	0,010	0,10	130	7/16-14 UNC-2B	153 x 77
P3Z7ACT800W--	1200-1400	450	85	1095	15000	15000	3	150	600	300	0,04	0,010	0,10	130	7/16-14 UNC-2B	153 x 77
P3Z9AAT900W--	2000-3000	355	85	1295	15000	15000	3	200	600	300	0,03	0,008	0,08	125	7/16-14 UNC-2B	190x94

P3Z9ABT900W--	1600-2000	470	85	1460	17000	17000	3	200	600	300	0,03	0,008	0,08	130:7/16-14 UNC-2B	190x94
P3Z9ACT900W--	1200-1600	600	85	1460	25000	25000	3	200	600	300	0,03	0,008	0,08	130:7/16-14 UNC-2B	190x94
P3AABTA00W--	1200-2200	880	80	-	-	-	3	200	400	300	0,03	0,008	0,08	125:7/16-14 UNC-2B	216x110
HALF CONTROLLED DIODE / SCR MODULES															
P7Z7ABB700W--	1600-2200	380	85	1100	9000	9000	3	150	600	300	0,04	0,010	0,10	130:7/16-14 UNC-2B	153 x 77
P7Z7ABC700W--	1200-1600	395	85	1100	14000	10000	3	150	600	300	0,04	0,010	0,10	130:7/16-14 UNC-2B	153 x 77
P7Z9AAA900W--	2000-3000	430	85	1325	16000	15000	3	200	600	300	0,03	0,008	0,08	125:7/16-14 UNC-2B	190x94
P7Z9AAB900W--	1600-2000	520	85	1465	16000	17000	3	200	600	300	0,03	0,008	0,08	130:7/16-14 UNC-2B	190x94
P7Z9AAC900W--	1200-1600	590	85	1465	16000	25000	3	200	600	300	0,03	0,008	0,08	130:7/16-14 UNC-2B	190x94
P7ZAAABA00W--	1200-2200	880	80	-	-	-	3	200	400	300	0,03	0,008	0,08	125:7/16-14 UNC-2B	216x110

ORDERING INFORMATION

Example : P3 Z 7 A CT7 00 W16 is a 1600V, Dual SCR module with standard Thermistor

P3 see (1)

Z see (2)

7 see (3)

A see (4)

CT7 see (5)

00 see (6)

W16 see (7)

(1)

P1 : Dual Diode

P2 : SCR / Diode

P3 : Dual SCR

P7 : Diode / SCR

(2), (3), (4) Package Style

(3) indicate size of the Block & elements

(5)

Element code

(6)

Special Features

00 : Module includes standard thermistor

XT : no thermistor

Other codes for customer specifications

(7)

Rated voltage

W04 : 400V

W08 : 800V

"

W16 : 1600V

"

W30 : 3000V

All values shown in this document are subject to change for product improvement. The information, diagrams and all other data included herein are believed to be correct and reliable.