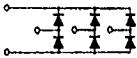
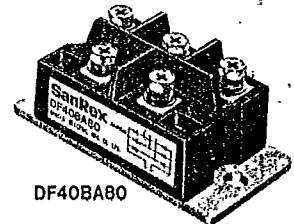
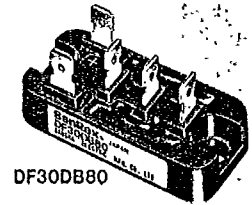


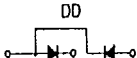
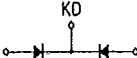
SanRex**DIODES**

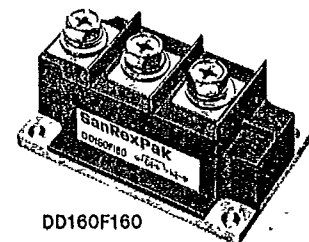
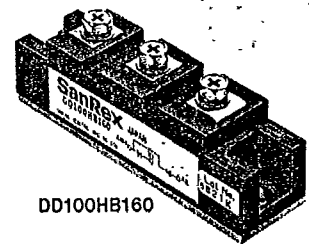
T-23-09

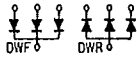
ISOLATED TYPE 3 PHASE DIODE MODULE

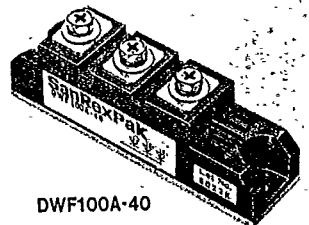
TYPE	V _{RRM} V	loc		I _{FSM} A (60Hz)	V _{FM} V (25°C)	I _{RRM} mA	V _{ISO} V (RMS)	T _J °C	R _{thjc} °C/W	Fig No.	Connection
		A	°C								
DF20AA	1200~1600	20	119	240	1.25	3	2500	150	0.6	18	
DF20BA	400~800	20	123	350	1.1	1.5	2500	150	0.6	18	
DF20CA	800~1600	20	123	600	1.1	4	2500	150	0.6	18	
DF20DB	400~800	20	97	350	1.1	1.5	2000	150	1.2	32	
DF30AA	1200~1600	30	117	300	1.3	3	2500	150	0.42	18	
DF30BA	400~800	30	122	450	1.1	1.5	2500	150	0.42	18	
DF30CA	800~1600	30	122	850	1.1	4	2500	150	0.42	18	
DF30DB	400~800	30	83	400	1.1	1.5	2000	150	1.0	32	
DF40AA	1200~1600	40	117	700	1.3	4	2500	150	0.32	19	
DF40BA	400~800	40	119	700	1.2	4	2500	150	0.32	19	
DF60AA	1200~1600	60	112	1000	1.3	6	2500	150	0.24	19	
DF60BA	400~800	60	115	1000	1.2	6	2500	150	0.24	19	

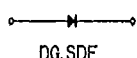
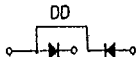
**ISOLATED TYPE DIODE MODULE**

TYPE	V _{RRM} V	I _{F(AV)}		I _{F(RMS)}		I _{FSM} A (60Hz)	I ² T A ² S	V _{FM} V (25°C)	I _{RRM} mA	V _{ISO} V (RMS)	T _J °C	R _{thjc} °C/W	Fig No.	Connection
		A	°C	A	°C									
DD,KD30GB	400, 800	30	118	47	118	600	1500	1.4	10	2500	150	0.8	21	
DD,KD30HB	1200, 1600	30	115	47	115	600	1500	1.5	10	2500	150	0.8	21	
DD,KD60GB	400, 800	60	114	95	114	1200	6000	1.25	20	2500	150	0.5	21	
DD,KD60HB	1200, 1600	60	111	95	111	1200	6000	1.35	20	2500	150	0.5	21	
DD,KD100GB	400, 800	100	115	155	115	2000	16500	1.25	30	2500	150	0.3	21	
DD,KD100HB	1200, 1600	100	111	155	111	2000	16500	1.35	30	2500	150	0.3	21	
DD,KD25F	400~1600	25	96	39	96	580	1400	1.55	10	2500	125	0.78	16	
DD,KD40F	400~1600	40	96	62	96	1300	7200	1.4	15	2500	125	0.55	16	
DD,KD55F	400~1600	55	89	86	89	1750	12800	1.4	15	2500	125	0.5	16	
DD,KD70F	400~1600	70	94	110	94	1950	16200	1.4	15	2500	125	0.33	16	
DD,KD90F	400~1600	90	93	140	93	2300	22000	1.4	20	2500	125	0.27	16	
DD,KD110F	400~1600	110	88	172	88	2550	26500	1.45	20	2500	125	0.25	16	
DD130F	400~1600	130	90	205	90	4400	80000	1.4	50	2500	125	0.2	17	
DD160F	400~1600	160	87	250	87	5500	125000	1.42	50	2500	125	0.18	17	

**3 PHASE DIODE MODULE**

TYPE	V _{RRM} V	I _{F(AV)}		I _{F(RMS)}		I _{FSM} A (60Hz)	I ² T A ² S	V _{FM} V (25°C)	I _{RRM} mA (125°C)	V _{ISO} V (RMS)	T _J °C	R _{thjc} °C/W	Fig No.	Connection
		A	°C	A	°C									
DWF(R)40A	300, 400	40	122	62	122	800	2700	1.15	8	—	150	0.6	16	
DWF(R)50A	300, 400	50	122	78	122	1000	4150	1.15	10	—	150	0.5	16	
DWF(R)70A	300, 400	70	119	110	119	1400	8100	1.15	12	—	150	0.4	16	
DWF(R)100A	300, 400	100	122	160	122	2000	16600	1.15	15	—	150	0.25	16	

**OTHER DIODE**

TYPE	V _{RRM} V	I _{F(AV)}		I _{F(RMS)}		I _{FSM} A (60Hz)	I ² T A ² S	V _{FM} V (25°C)	I _{RRM} mA (125°C)	V _{ISO} V (RMS)	t _{rr} μsec	T _J °C	R _{thjc} °C/W	Fig No.	Connection
		A	°C	A	°C										
DG20AA	400~1600	20	76	31	76	450	840	1.65	8	2500	—	125	1.6	15	
MDF(R)100A	300~500	100	109	157	109	2000	16700	1.15	6	—	—	150	0.35	20	
MDF(R)150A	300~500	150	98	235	98	3000	37500	1.15	10	—	—	150	0.3	20	
MDF(R)200A	300~500	200	92	314	92	4000	66600	1.15	13	—	—	150	0.22	20	
MDF(R)250A	300~500	250	92	390	92	4500	84000	1.15	15	—	—	150	0.2	20	
SDF2000B	400, 600	3140	79	2000	79	40K	6664K	1.5	100	—	—	150	0.025	13	
SDF2000H	800, 1200	3140	69	2000	69	35K	5100K	1.75	100	—	—	150	0.025	13	
SDF4000AA	400, 600	6280	93	4000	93	80K	26656K	1.5	200	—	—	150	0.01	14	
SDF4000BA	800, 1200	6280	84	4000	84	80K	26656K	1.75	200	—	—	150	0.01	14	