



Selection Guide

High Power Thyristors & Diodes



www.infineon.com/high-power-ifbip

Infineon Technologies Bipolar



Infineon Technologies Bipolar

Eco Line

straight, efficient, functional

Modules
Eco Block



Solder Bond



Pressure Contact

Power Line

reliable, powerful, valuable

Modules
Power Block



Diodes
Power Chip



Soft Starters
Power Start



Studs
Power Stud



Discs
Power Disc



Prime Line

unique, optimized, leading

Modules
Prime Block



Pressure Contact

Diodes
Prime Soft



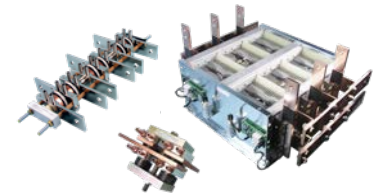
Discs
Prime Disc



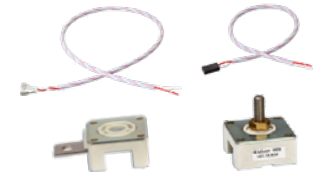
System Line

specific, complete, versatile

Stacks/Assemblies
Power Stack



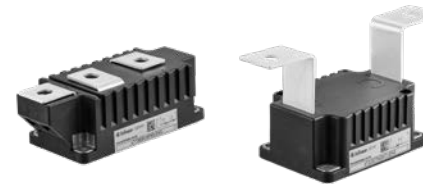
Fittings
Power Fit



Eco Line

Reduced to pure function. With proven reliability.

Infineon® Eco Block –
Pressure Contact Technology



New pressure contact design

- › Light: Reduction to essential functions
- › Sustainable: Short-on-fail pressure contact technology;
Best in class DC blocking capability
- › Best Power to Price Ratio

Infineon® Eco Block –
Solder Contact Technology



Benefit from

- › Predictably high performance and lifetime due to 100% x-ray monitoring
- › Solid base plate for fast and easy mounting
- › One-stop-shop due to complete module technology portfolio

www.infineon.com/solderbond

Focus on application

Most complete product portfolio for
Low Voltage Soft Starters (<2200V)

Choose from different technologies scaling from 30 kW up to 1 MW
to suit your individual design

Infineon® Power Block

- › Pressure Contact
Modules: 20-70mm



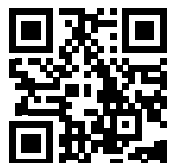
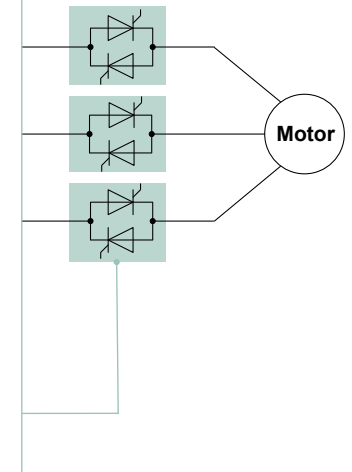
Infineon® Power Start

- › Soft Starter
Modules: 55 mm



Infineon® Power Disc

- › Ceramic Discs
ø 42-111 mm



Order directly

Prime Line

Hard switching. Soft landing.

Infineon® Prime Soft Family



The new ultra-soft freewheeling diodes for IGBTs built on our existing IGCT freewheeling diode family. A big improvement is the turn-off capability, which has been upgraded to 5 kA/μs. These new diodes are the perfect fit for modern IGBT applications such as HVDC voltage source converters and medium voltage drives.

System approach:

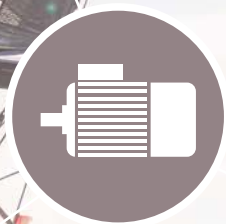
- › Double-digit percentage reduction in footprint
- › Turn-off capability up to 5 kA/μs
- › Increased system robustness thanks to extreme overcurrent capability of 80 kA@10 ms

Your benefits:

- › Simplified mechanical stack construction with series stacking of press-pack IGBTs and freewheeling diodes
- › 50% time savings in stack design
- › Fewer safety devices required thanks to high overload capability
- › Ideal for building gigawatt HVDC installations with low power losses

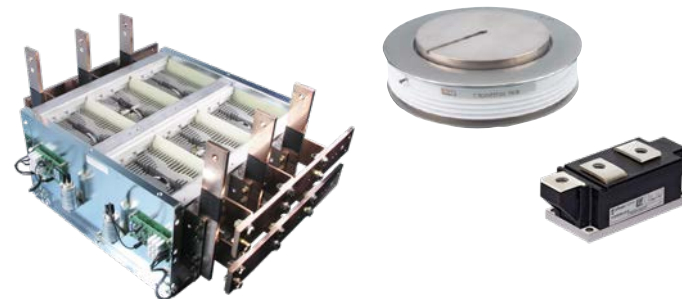
www.infineon.com/primesoft

System Line



In perfect harmony – with Infineon® Power Stacks

Heatsink & mounting concepts
for bipolar semiconductors



Infineon® Power Stacks with bipolar power semiconductors are used in most varied applications in a power range from a few kilowatts up to several megawatts. The modular portfolio of our System Line covers solutions with thyristors and diodes and is optimized to the respective requirements.

The Block Design Lines are based on more than 22 heatsink concepts and offer a suitable design variant for every semiconductor package and for each application. Whether natural air cooling, forced air cooling or liquid cooling, all known requirements are supported.



www.infineon.com/powerstacks

Order directly

Ready for Infineon® Power Stacks?

Infineon® Power Stacks with bipolar power semiconductors are used in most varied applications in a power range from a few kilowatts up to several megawatts. The modular portfolio of our System Line covers solutions with thyristors and diodes and is optimized to the respective requirements.

4 steps to your individual Power Stack

We support your requests flexible with building blocks:

1. Find a module or disc which supports your application needs
2. Choose one of the building blocks for basic circuits
3. Define the stack from blocks according the applications needs
4. Add accessories according the applications needs

Your possible choice

22

heatsink designs

75

block designs

over

8,600

block variants

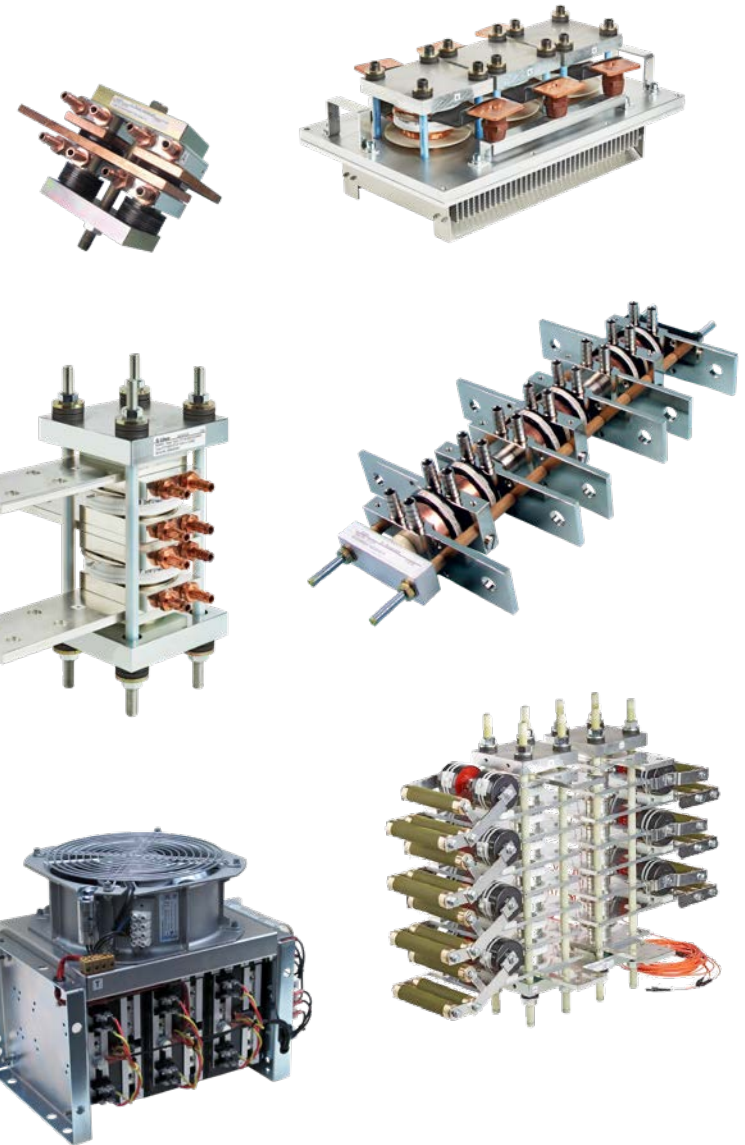
over

25,700

stack designs

Applications

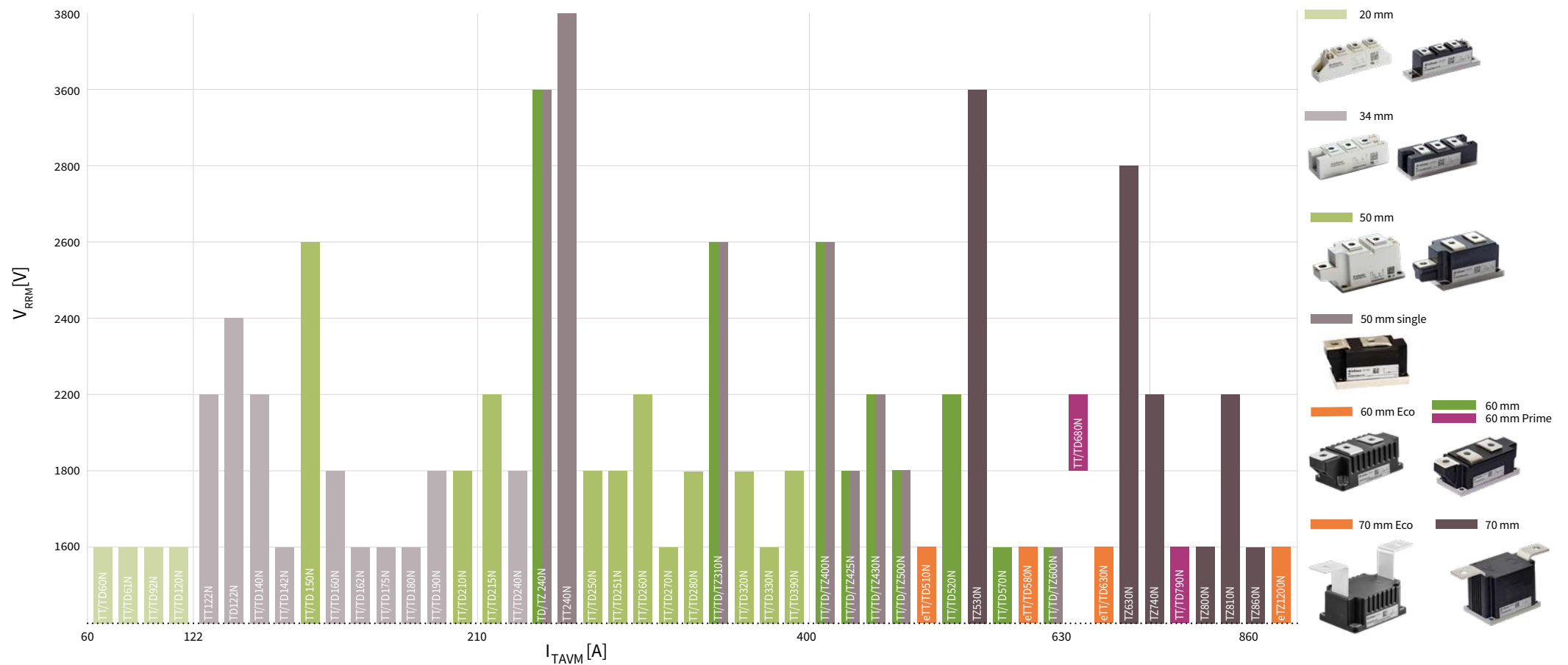
- › Industrial AC and DC drives
- › Soft starters, STATS
- › Rectifiers and static by-passes in UPS
- › Wind energy systems
- › Welding, plating
- › Electrolysis
- › Electric heat
- › High voltage direct current (HVDC) transmission systems
- › Flexible AC transmission systems (FACTS)
- › TAP changers for transformers
- › Controllable transformers
- › Pulsed Power, Crowbars
- › Freewheeling and clamping circuits
- › Exiter devices
- › Rectifiers for VSI



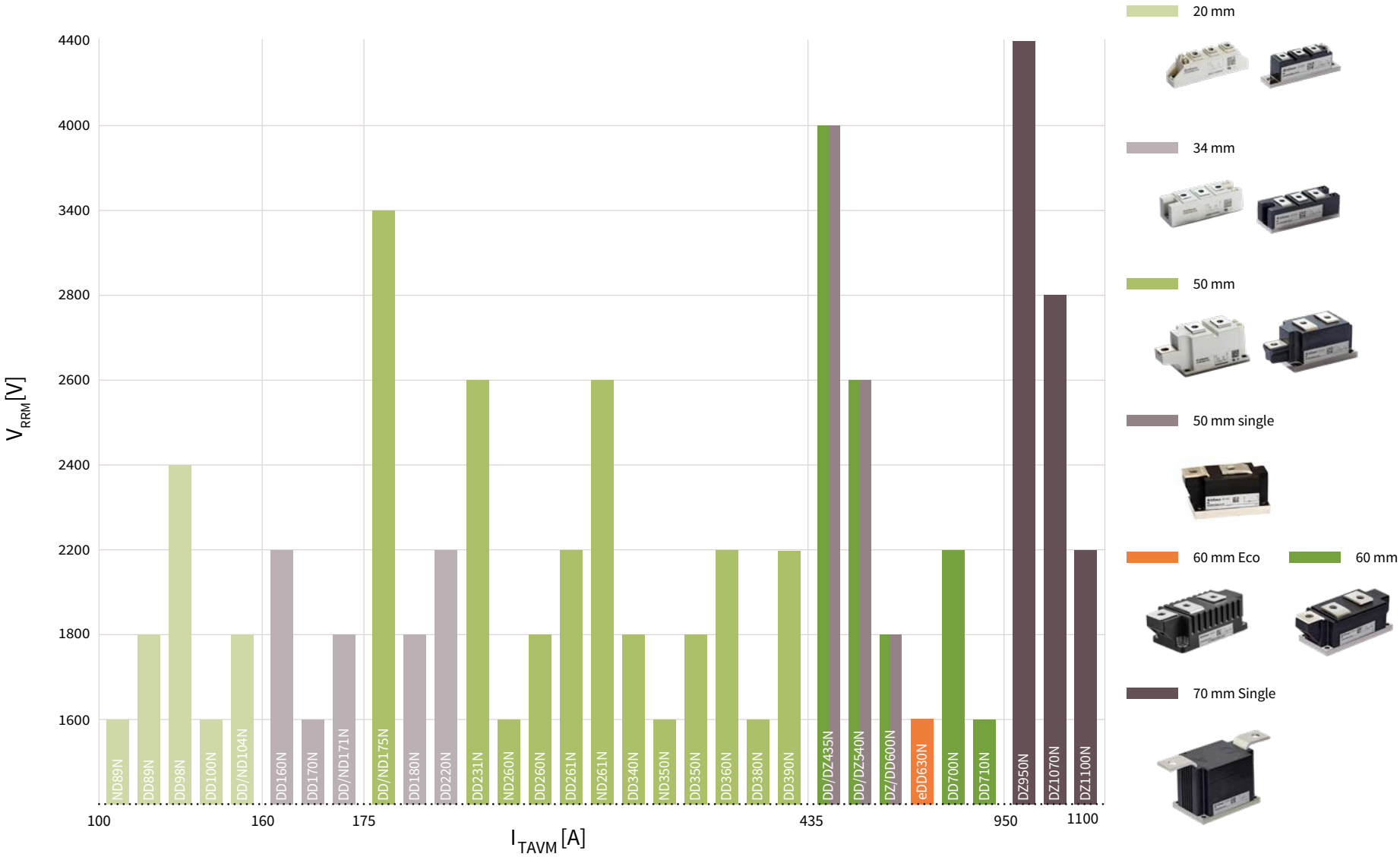
Personal service and support: support@infineon-bip.com | Phone: +49 2902 9899-1766

www.ifbip-shop.com

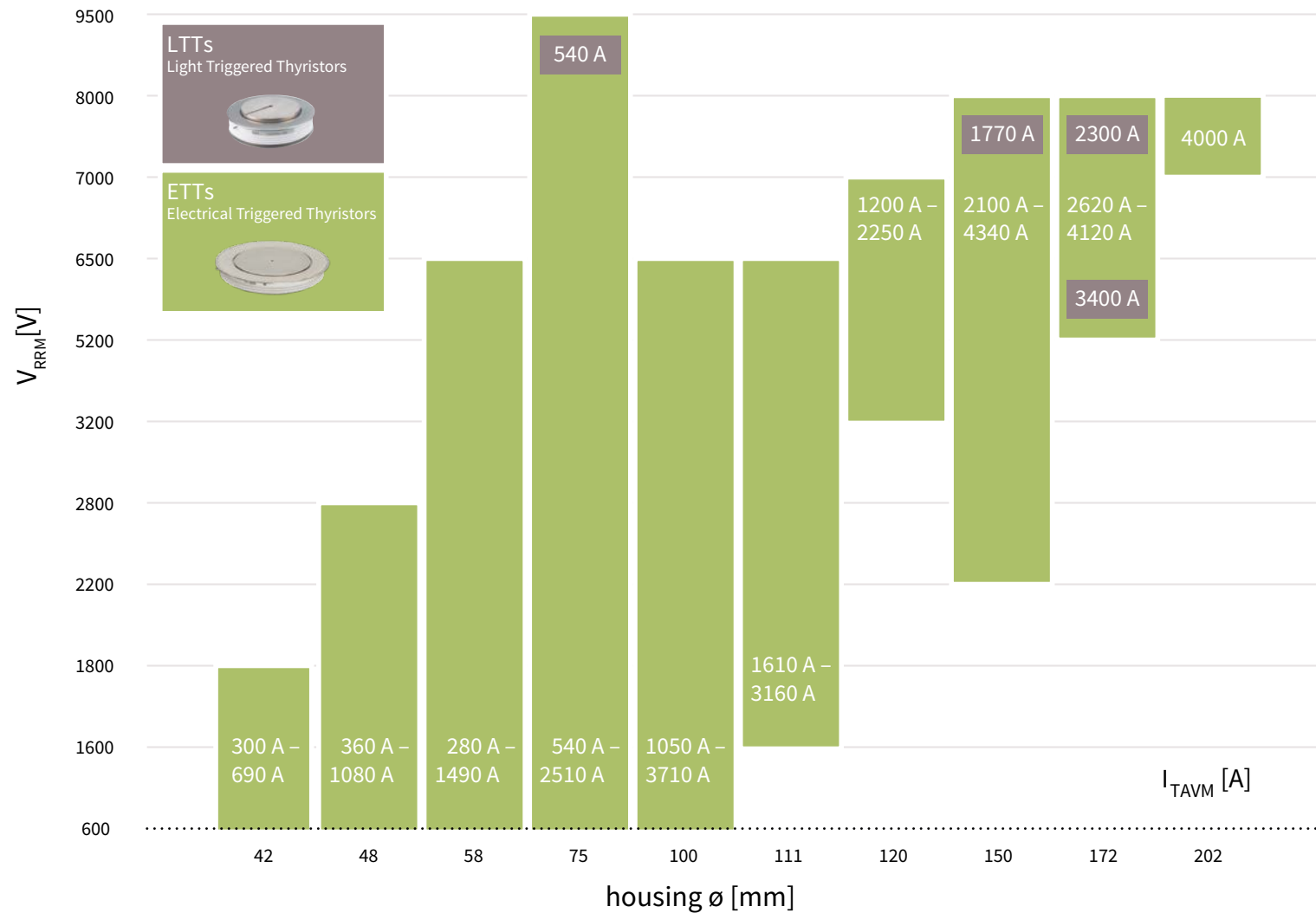
Overview phase-control thyristor/thyristor, thyristor/diode and single thyristor modules



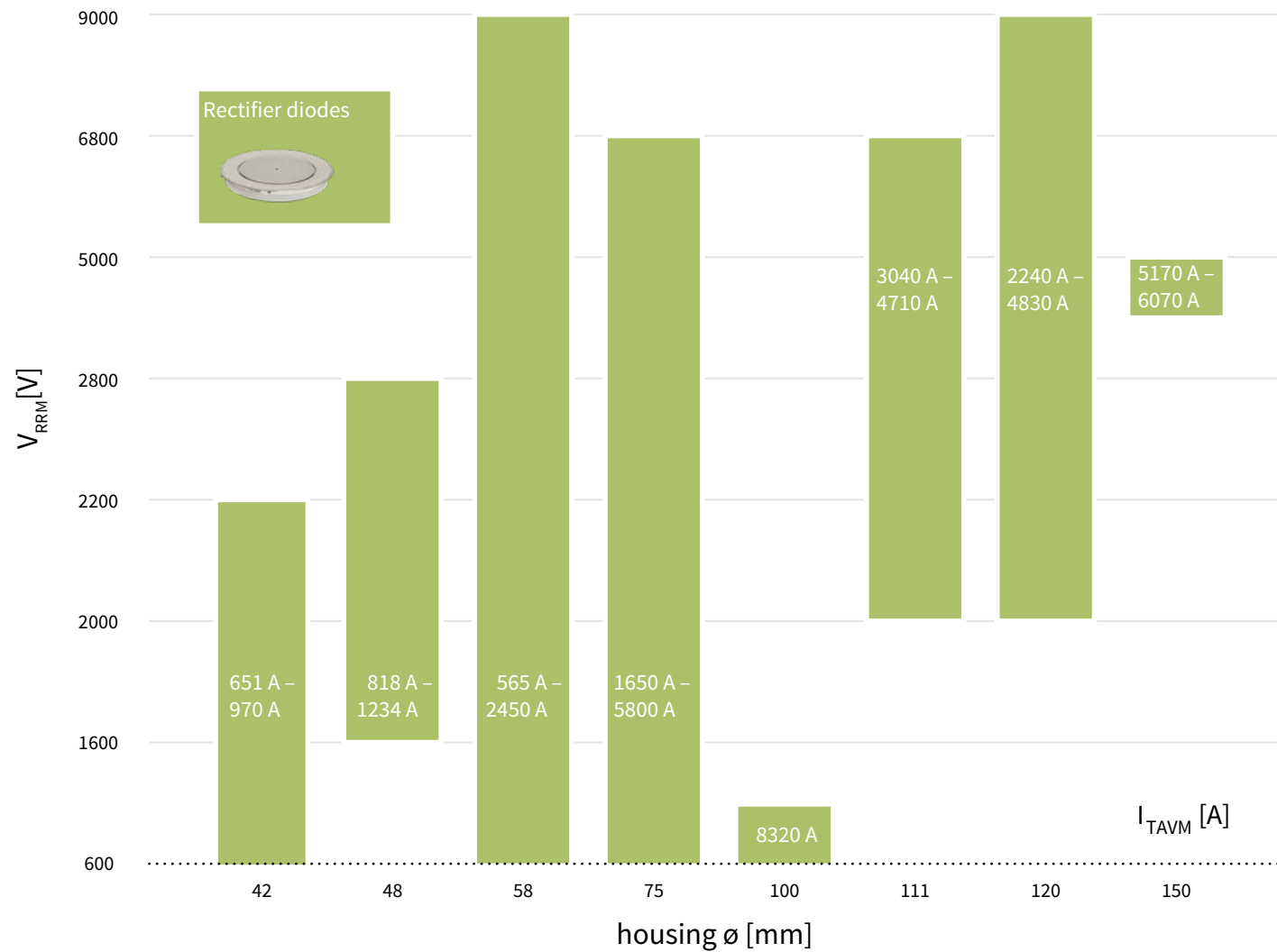
Overview rectifier diode modules



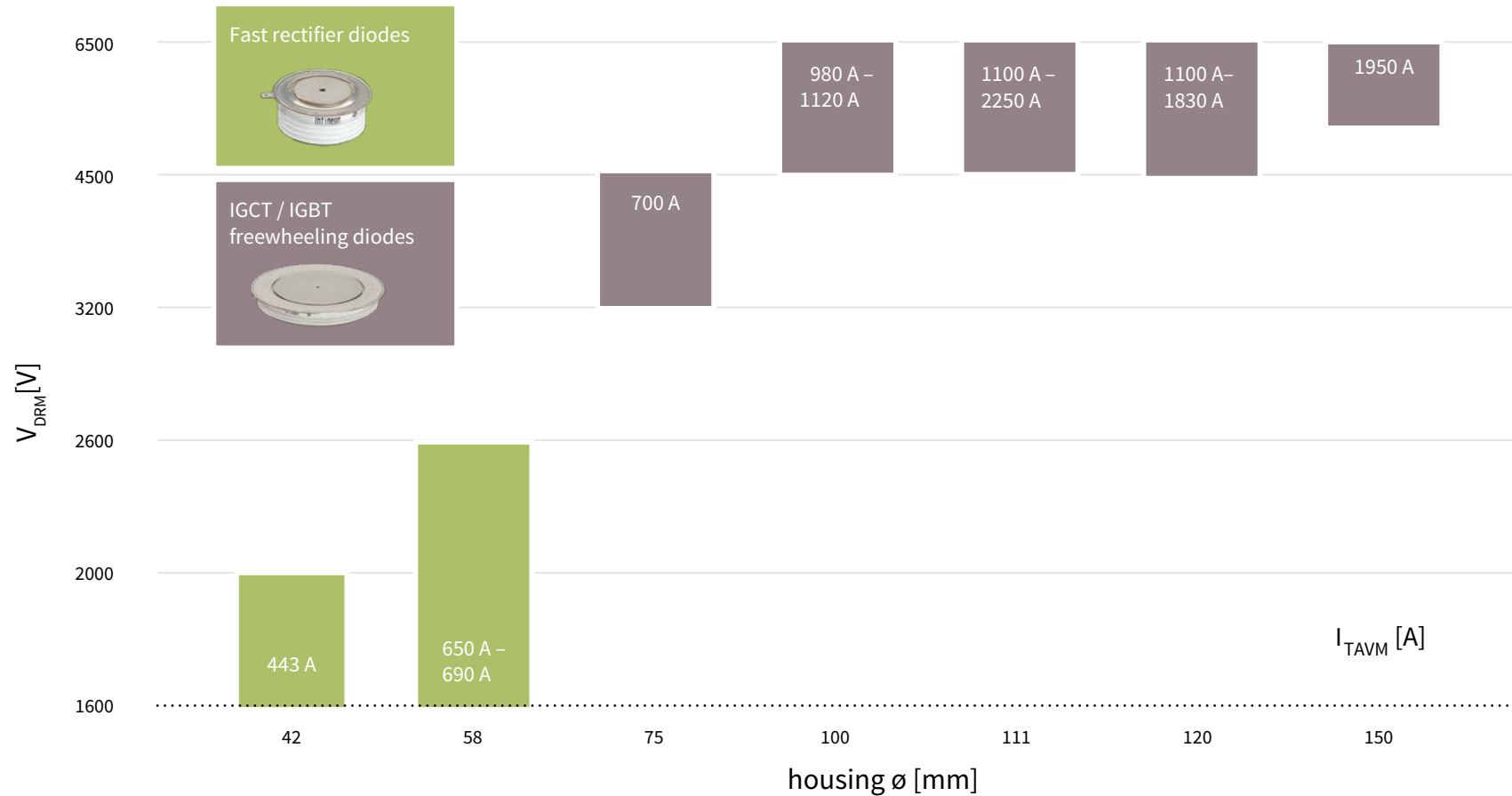
Overview phase-control thyristors in disc housings



Overview diodes in disc housings



Overview IGCT/IGBT freewheeling diodes and fast rectifier diodes in disc housings



Thyristor / Thyristor Modules



Product	V_{DRM} / V_{RRM} [V]	$I_{FAVM}/T_C / I_{TAVM}/T_C$ [A/°C] (@180° el sin)	I_{FSM} / I_{TSM} [A] (@10ms, $T_{vj\ max}$)	$\int i^2 dt$ [A ² · s · 10 ³] (@10ms, $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	$(di_T/dt)_{cr}$ [A/μs] (@DIN IEC 747-6)	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Eco Line - Thyristor modules - baseplate = 20 mm - solder solder										
TT60N16SOF	1600	55/85	1200	7.2	1.0	4.8	140	0.49	130	SCR / SCR Phase Control
TT60N16SOFB01	1600	55/85	1200	7.2	1.0	4.8	140	0.49	130	SCR / SCR Phase Control
TT120N16SOF	1600	119/85	1900	18.05	0.9	3.35	140	0.2	130	SCR / SCR Phase Control
TT120N16SOFB01	1600	119/85	1900	18.05	0.9	3.35	140	0.2	130	SCR / SCR Phase Control
Power Line - Thyristor modules - baseplate = 20 mm - pressure contact										
TT61N16KOF	1600	60/85	1400	9.8	0.8	3.4	150	0.52	125	SCR / SCR Phase Control
TT61N14KOF	1400	60/85	1400	9.8	0.8	3.4	150	0.52	125	SCR / SCR Phase Control
TT61N12KOF	1200	60/85	1400	9.8	0.8	3.4	150	0.52	125	SCR / SCR Phase Control
TT92N16KOF	1600	92/85	1800	16.2	0.85	2.15	150	0.37	130	SCR / SCR Phase Control
TT92N14KOF	1400	92/85	1800	16.2	0.85	2.15	150	0.37	130	SCR / SCR Phase Control
TT92N12KOF	1200	92/85	1800	16.2	0.85	2.15	150	0.37	130	SCR / SCR Phase Control
TT104N14KOF	1400	104/85	1800	16.2	0.85	2.15	150	0.37	130	SCR / SCR Phase Control
TT104N12KOF	1200	104/85	1800	16.2	0.85	2.15	150	0.37	130	SCR / SCR Phase Control
Eco Line - Thyristor modules - baseplate = 34 mm - solder bond										
TT140N16SOF	1600	140/85	4000	80.0	1.0	1.6	200	0.19	125	SCR / SCR Phase Control
TT160N18SOF	1800	160/85	5200	101.3	1.1	0.99	100	0.145	125	SCR / SCR Phase Control
TT160N16SOF	1600	160/85	5200	101.3	1.1	0.99	100	0.145	125	SCR / SCR Phase Control
TT175N16SOF	1600	175/85	5000	125.0	0.83	1.3	200	0.164	125	SCR / SCR Phase Control
TT190N18SOF	1800	190/85	5200	101.3	0.85	0.9	100	0.145	125	SCR / SCR Phase Control
TT190N16SOF	1600	190/85	5200	101.3	0.85	0.9	100	0.145	125	SCR / SCR Phase Control
Power Line - Thyristor modules - baseplate = 34 mm - pressure contact										
TT122N22KOF	2200	122/85	2950	43.5	1.0	2.15	100	0.2	125	SCR / SCR Phase Control
TT122N18KOF	1800	122/85	2950	43.5	1.0	2.15	100	0.2	125	SCR / SCR Phase Control
TT140N22KOF	2200	140/85	3200	51.2	0.9	1.75	150	0.19	125	SCR / SCR Phase Control
TT140N18KOF	1800	140/85	3200	51.2	0.9	1.75	150	0.19	125	SCR / SCR Phase Control
TT142N16KOF	1600	142/85	4100	84.0	0.9	1.1	150	0.22	125	SCR / SCR Phase Control
TT142N14KOF	1400	142/85	4100	84.0	0.9	1.1	150	0.22	125	SCR / SCR Phase Control
TT142N12KOF	1200	142/85	4100	84.0	0.9	1.1	150	0.22	125	SCR / SCR Phase Control
TT162N16KOF	1600	162/85	4400	97.0	0.85	0.95	150	0.2	125	SCR / SCR Phase Control
TT162N14KOF	1400	162/85	4400	97.0	0.85	0.95	150	0.2	125	SCR / SCR Phase Control
TT162N12KOF	1200	162/85	4400	97.0	0.85	0.95	150	0.2	125	SCR / SCR Phase Control
TT180N16KOF	1600	180/85	4100	84.0	0.85	0.9	150	0.2	130	SCR / SCR Phase Control
TT180N12KOF	1200	180/85	4100	84.0	0.85	0.9	150	0.2	130	SCR / SCR Phase Control

Thyristor / Thyristor Modules



Product	V_{DRM} / V_{RRM} [V]	$I_{FAVM} / T_C / I_{TAVM} / T_C$ [A/°C] (@180° el sin)	I_{FSM} / I_{TSM} [A] (@10ms, $T_{vj \max}$)	$[i^2 dt \text{ [A}^2 \text{s} \cdot 10^3]$ (@10ms, $T_{vj \max}$)	V_{T0} [V] (@ $T_{vj \max}$) max	r_T [mΩ] (@ $T_{vj \max}$) max	$(di_T/dt)_{cr}$ [A/μs] (@DIN IEC 747-6)	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Eco Line - Thyristor modules - baseplate = 50 mm - solder bond										
TT280N18SOF	1800	280/85	9000	304.2	0.9	0.82	100	0.11	130	SCR / SCR Phase Control
TT280N16SOF	1600	280/85	9000	304.0	0.9	0.82	100	0.11	130	SCR / SCR Phase Control
TT320N18SOF	1800	320/85	9500	335.0	0.77	0.58	100	0.11	130	SCR / SCR Phase Control
TT320N16SOF	1600	320/85	9500	335.0	0.77	0.58	100	0.11	130	SCR / SCR Phase Control
Power Line - Thyristor modules - baseplate = 50 mm - Pressure contact										
TT150N26KOF	2600	150/85	4000	80.0	1.2	2.3	60	0.13	125	SCR / SCR Phase Control
TT150N22KOF	2200	150/85	4000	80.0	1.2	2.3	60	0.13	125	SCR / SCR Phase Control
TT170N18KOF	1800	170/85	4600	106.0	0.95	1.0	150	0.17	125	SCR / SCR Phase Control
TT210N18KOF	1800	210/85	5800	168.0	1.0	0.85	150	0.13	125	SCR / SCR Phase Control
TT210N16KOF	1600	210/85	5800	168.0	1.0	0.85	150	0.13	125	SCR / SCR Phase Control
TT210N14KOF	1400	210/85	5800	168.0	1.0	0.85	150	0.13	125	SCR / SCR Phase Control
TT210N12KOF	1200	210/85	5800	168.0	1.0	0.85	150	0.13	125	SCR / SCR Phase Control
TT215N22KOF	1800	215/85	6300	198.0	0.95	0.92	100	0.13	125	SCR / SCR Phase Control
TT215N20KOF	2000	215/85	6300	198.0	0.95	0.92	100	0.13	125	SCR / SCR Phase Control
TT215N18KOF	1800	215/85	6300	198.0	0.95	0.92	100	0.13	125	SCR / SCR Phase Control
TT250N18KOF	1800	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / SCR Phase Control
TT250N16KOF	1600	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / SCR Phase Control
TT250N16KOF TIM	1600	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / SCR Phase Control
TT250N14KOF	1400	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / SCR Phase Control
TT250N12KOF	1200	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / SCR Phase Control
TT251N18KOF	1800	250/85	8000	320.0	0.8	0.7	250	0.13	125	SCR / SCR Phase Control
TT251N16KOF	1600	250/85	8000	320.0	0.8	0.7	250	0.13	125	SCR / SCR Phase Control
TT251N14KOF	1400	250/85	8000	320.0	0.8	0.7	250	0.13	125	SCR / SCR Phase Control
TT251N12KOF	1200	250/85	8000	320.0	0.8	0.7	250	0.13	125	SCR / SCR Phase Control
TT260N22KOF	2200	260/85	8000	320.0	0.85	0.64	250	0.12	125	SCR / SCR Phase Control
TT270N16KOF	1600	270/92	9000	400.0	0.8	0.58	250	0.12	125	SCR / SCR Phase Control
TT285N16KOF	1600	285/92	8000	781.0	0.8	0.5	250	0.112	130	SCR / SCR Phase Control
TT305N16KOF	1600	305/85	9000	551.0	0.8	0.58	250	0.12	130	SCR / SCR Phase Control
TT330N16KOF	1600	330/85	8000	500.0	0.8	0.5	250	0.112	130	SCR / SCR Phase Control
TT330N16KOF TIM	1600	330/85	8000	500.0	0.8	0.5	250	0.112	130	SCR / SCR Phase Control
TT330N12KOF	1200	330/85	8000	500.0	0.8	0.5	250	0.112	130	SCR / SCR Phase Control
TT330N14KOF	1400	330/85	8000	500.0	0.8	0.5	250	0.112	130	SCR / SCR Phase Control

Thyristor / Thyristor Modules



Product	V_{DRM} / V_{RRM} [V]	$I_{FAVM}/T_C / I_{TAVM}/T_C$ [A/°C] (@180° el sin)	I_{FSM} / I_{TSM} [A] (@10ms, $T_{vj\ max}$)	$[i^2dt\ [A^2 \cdot s \cdot 10^3]]$ (@10ms, $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	$(di_T/dt)_{cr}$ [A/μs] (@DIN IEC 747- 6)	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Power Line - Thyristor modules - baseplate = 60 mm - pressure contact										
TT240N38KOF	3800	240/85	5500	151.0	1.17	1.7	100	0.078	125	SCR / SCR Phase Control
TT240N36KOF	3600	240/85	5500	151.0	1.17	1.7	100	0.078	125	SCR / SCR Phase Control
TT240N34KOF	3400	240/85	5500	151.0	1.17	1.7	100	0.078	125	SCR / SCR Phase Control
TT240N32KOF	3200	240/85	5500	151.0	1.17	1.7	100	0.078	125	SCR / SCR Phase Control
TT240N28KOF	2800	240/85	5500	151.0	1.17	1.7	100	0.078	125	SCR / SCR Phase Control
TT310N26KOF	2600	310/85	9000	405.0	1.0	0.86	120	0.078	125	SCR / SCR Phase Control
TT310N24KOF	2400	310/85	9000	405.0	1.0	0.86	120	0.078	125	SCR / SCR Phase Control
TT310N22KOF	2200	310/85	9000	405.0	1.0	0.86	120	0.078	125	SCR / SCR Phase Control
TT310N20KOF	2000	310/85	9000	405.0	1.0	0.86	120	0.078	125	SCR / SCR Phase Control
TT400N26KOF	2600	400/85	11000	605.0	1.0	0.5	150	0.065	125	SCR / SCR Phase Control
TT400N24KOF	2400	400/85	11000	605.0	1.0	0.5	150	0.065	125	SCR / SCR Phase Control
TT425N18KOF	1800	425/85	12500	1051.0	0.9	0.35	120	0.065	125	SCR / SCR Phase Control
TT425N16KOF	1600	425/85	12500	1051.0	0.9	0.35	120	0.065	125	SCR / SCR Phase Control
TT425N14KOF	1400	425/85	12500	1051.0	0.9	0.35	120	0.065	125	SCR / SCR Phase Control
TT425N12KOF	1200	425/85	12500	1051.0	0.9	0.35	120	0.065	125	SCR / SCR Phase Control
TT430N22KOF	2200	430/85	12000	1051.0	0.95	0.45	150	0.065	125	SCR / SCR Phase Control
TT500N18KOF	1800	500/85	14500	1051.0	0.85	0.35	200	0.058	125	SCR / SCR Phase Control
TT500N16KOF	1600	500/85	14500	1051.0	0.85	0.35	200	0.058	125	SCR / SCR Phase Control
TT500N16KOF TIM	1600	500/85	14500	1051.0	0.85	0.35	200	0.058	125	SCR / SCR Phase Control
TT500N14KOF	1400	500/85	14500	1051.0	0.85	0.35	200	0.058	125	SCR / SCR Phase Control
TT500N12KOF	1200	500/85	14500	1051.0	0.85	0.35	200	0.058	125	SCR / SCR Phase Control
TT570N16KOF	1600	570/87	14000	1531.0	0.8	0.23	200	0.058	125	SCR / SCR Phase Control
TT520N22KOF	2200	520/85	18000	1051.0	0.85	0.35	200	0.058	125	SCR / SCR Phase Control
TT600N16KOF	1600	600/85	21000	1531.0	0.8	0.23	200	0.058	125	SCR / SCR Phase Control

Thyristor / Diode Modules



Product	V_{DRM} / V_{RRM} [V]	$I_{FAVM}/T_C / I_{TAVM}/T_C$ [A/°C] (@180° el sin)	I_{FSM} / I_{TSM} [A] (@10ms, $T_{vj\ max}$)	$\int i^2 dt$ [A ² · s · 10 ³] (@10ms, $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	$(di_T/dt)_{cr}$ [A/μs] (@DIN IEC 747- 6)	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Eco Line - Thyristor/Diode Modules - Baseplate = 20 mm - solder bond										
TD60N16SOF	1600	55/85	1200	7.2	1.0	4.8	140	0.49	130	SCR / Diode Phase Control
TD120N16SOF	1600	119/85	1900	18.05	0.9	3.35	140	0.2	130	SCR / Diode Phase Control
Power Line - Thyristor/Diode Modules - Baseplate = 20 mm - pressure contact										
TD61N16KOF	1600	60/85	1400	9.8	0.8	3.4	150	0.52	125	SCR / Diode Phase Control
TD61N14KOF	1400	60/85	1400	9.8	0.8	3.4	150	0.52	125	SCR / Diode Phase Control
TD61N12KOF	1200	60/85	1400	9.8	0.8	3.4	150	0.52	125	SCR / Diode Phase Control
TD92N16KOF	1600	92/85	1800	16.2	0.85	2.15	150	0.37	130	SCR / Diode Phase Control
TD92N14KOF	1400	92/85	1800	16.2	0.85	2.15	150	0.37	130	SCR / Diode Phase Control
TD92N12KOF	1200	92/85	1800	16.2	0.85	2.15	150	0.37	130	SCR / Diode Phase Control
TD104N14KOF	1400	104/85	1800	16.2	0.85	2.15	150	0.37	140	SCR / Diode Phase Control
TD104N12KOF	1200	104/85	1800	16.2	0.85	2.15	150	0.37	140	SCR / Diode Phase Control
Eco Line - Thyristor / diode modules - baseplate = 34 mm - solder bond										
TD140N16SOF	1600	140/85	4000	80.0	1.0	1.6	200	0.19	125	SCR / Diode Phase Control
TD160N18SOF	1800	160/85	5200	101.3	1.1	0.99	100	0.145	125	SCR / Diode Phase Control
TD160N16SOF	1600	160/85	5200	101.3	1.1	0.99	100	0.145	125	SCR / Diode Phase Control
TD175N16SOF	1600	175/85	5000	125.0	0.83	1.3	200	0.164	125	SCR / Diode Phase Control
TD190N18SOF	1800	190/85	5200	101.3	0.85	0.9	100	0.145	125	SCR / Diode Phase Control
TD190N16SOF	1600	190/85	5200	101.3	0.85	0.9	100	0.145	125	SCR / Diode Phase Control
Power Line - Thyristor / diode modules - baseplate = 34 mm - pressure contact										
TD122N24KOF	2400	122/85	2950	43.5	1.0	2.15	100	0.2	125	SCR / Diode Phase Control
TD122N22KOF	2200	122/85	2950	43.5	1.0	2.15	100	0.2	125	SCR / Diode Phase Control
TD140N22KOF	2200	140/85	3200	51.2	0.9	1.75	150	0.19	125	SCR / Diode Phase Control
TD140N18KOF	1800	140/85	3200	51.2	0.9	1.75	150	0.19	125	SCR / Diode Phase Control
TD142N16KOF	1600	142/85	4100	84.0	0.9	1.1	150	0.22	125	SCR / Diode Phase Control
TD142N14KOF	1400	142/85	4100	84.0	0.9	1.1	150	0.22	125	SCR / Diode Phase Control
TD142N12KOF	1200	142/85	4100	84.0	0.9	1.1	150	0.22	125	SCR / Diode Phase Control
TD162N16KOF	1600	162/85	4400	97.0	0.85	0.95	150	0.2	125	SCR / Diode Phase Control
TD162N14KOF	1400	162/85	4400	97.0	0.85	0.95	150	0.2	125	SCR / Diode Phase Control
TD162N12KOF	1200	162/85	4400	97.0	0.85	0.95	150	0.2	125	SCR / Diode Phase Control
TD180N16KOF	1600	180/85	4100	84.0	0.85	0.9	150	0.2	130	SCR / Diode Phase Control

Thyristor / Diode Modules



Product	V_{DRM} / V_{RRM} [V]	$I_{FAVM}/T_C / I_{TAVM}/T_C$ [A/°C] (@180° el sin)	I_{FSM} / I_{TSM} [A] (@10ms, $T_{vj\ max}$)	$\int i^2 dt$ [A ² · 10 ³] (@10ms, $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	$(di_T/dt)_{cr}$ [A/μs] (@DIN IEC 747- 6)	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Eco Line - Thyristor / diode modules - baseplate = 50 mm - solder solder										
TD280N18SOF	1800	280/85	9000	304.2	0.9	0.82	100	0.11	130	SCR / Diode Phase Control
TD280N16SOF	1600	280/85	9000	304.0	0.9	0.82	100	0.11	130	SCR / Diode Phase Control
TD320N18SOF	1800	320/85	9500	335	0.77	0.58	100	0.11	130	SCR / Diode Phase Control
TD320N16SOF	1600	320/85	9500	335.0	0.77	0.58	100	0.11	130	SCR / Diode Phase Control
Power Line - Thyristor / diode modules - baseplate = 50 mm - pressure contact										
TD150N26KOF	2600	150/85	4000	80.0	1.2	2.3	60	0.13	125	SCR / Diode Phase Control
TD150N24KOF	2400	150/85	4000	80.0	1.2	2.3	60	0.13	125	SCR / Diode Phase Control
TD170N16KOF	1600	170/85	4600	106.0	0.95	1.0	150	0.17	125	SCR / Diode Phase Control
TD170N12KOF	1200	170/85	4600	106.0	0.95	1.0	150	0.17	125	SCR / Diode Phase Control
TD210N18KOF	1800	210/85	5800	168.0	1.0	1.0	150	0.13	125	SCR / Diode Phase Control
TD210N16KOF	1600	210/85	5800	168.0	1.0	1.0	150	0.13	125	SCR / Diode Phase Control
TD210N14KOF	1400	210/85	5800	168.0	1.0	1.0	150	0.13	125	SCR / Diode Phase Control
TD210N12KOF	1200	210/85	5800	168.0	1.0	1.0	150	0.13	125	SCR / Diode Phase Control
TD215N22KOF	2200	215/85	6300	198.0	0.95	0.92	100	0.13	125	SCR / Diode Phase Control
TD250N18KOF	1800	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / Diode Phase Control
TD250N18/25KOF	1800	250/85	7000	320.0	0.8	0.7	150	0.13	125	SCR / Diode Phase Control
TD250N16KOF	1600	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / Diode Phase Control
TD250N16KOF TIM	1600	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / Diode Phase Control
TD250N16/25KOF	1600	250/85	7000	320.0	0.8	0.7	150	0.13	125	SCR / Diode Phase Control
TD250N14KOF	1400	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / Diode Phase Control
TD250N14/20KOF	1400	250/85	7000	320.0	0.8	0.7	150	0.13	125	SCR / Diode Phase Control
TD250N12KOF	1200	250/85	7000	245.0	0.8	0.7	150	0.13	125	SCR / Diode Phase Control
TD251N18KOF	1800	250/85	8000	320.0	0.8	0.7	250	0.13	125	SCR / Diode Phase Control
TD251N16KOF	1600	250/85	8000	320.0	0.8	0.7	250	0.13	125	SCR / Diode Phase Control
TD251N14KOF	1400	250/85	8000	320.0	0.8	0.7	250	0.13	125	SCR / Diode Phase Control
TD260N22KOF	2200	260/85	8000	320.0	0.85	0.64	250	0.12	125	SCR / SCR Phase Control
TD270N16KOF	1600	270/85	9000	400.0	0.8	0.58	250	0.12	125	SCR / SCR Phase Control
TD285N16KOF	1600	285/92	8000	500.0	0.8	0.5	250	0.056	130	SCR / Diode Phase Control
TD330N16KOF	1600	330/85	8000	500.0	0.8	0.5	250	0.112	130	SCR / Diode Phase Control
TD330N16KOF TIM	1600	330/85	800	500.0	0.8	0.5	250	0.112	130	SCR / Diode Phase Control

Thyristor / Diode Modules



Product	$V_{\text{DRM}} / V_{\text{RRM}}$ [V]	$I_{\text{FAVM}}/T_c / I_{\text{TAVM}}/T_c$ [A/°C] (@180° el sin)	$I_{\text{FSM}} / I_{\text{TSM}}$ [A] (@10ms, $T_{vj \text{ max}}$)	$\int i^2 dt$ [A ² · s · 10 ³] (@10ms, $T_{vj \text{ max}}$)	V_{T0} [V] (@ $T_{vj \text{ max}}$) max	r_T [mΩ] (@ $T_{vj \text{ max}}$) max	$(di_T/dt)_{cr}$ [A/μs] (@DIN IEC 747-6)	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Power Line - Thyristor / diode modules - baseplate = 60 mm - pressure contact										
TD240N36KOF	3600	240/85	5500	151.0	1.17	1.7	100	0.078	125	SCR / Diode Phase Control
TD240N32KOF	3200	240/85	5500	151.0	1.17	1.7	100	0.078	125	SCR / Diode Phase Control
TD310N26KOF	2600	310/85	9000	405.0	1.0	0.86	120	0.078	125	SCR / Diode Phase Control
TD310N22KOF	2200	310/85	9000	405.0	1.0	0.86	120	0.078	125	SCR / Diode Phase Control
TD310N20KOF	2000	310/85	9000	405.0	1.0	0.86	120	0.078	125	SCR / Diode Phase Control
TD400N26KOF	2600	400/85	11000	605.0	1.0	0.5	150	0.065	125	SCR / Diode Phase Control
TD425N18KOF	1800	425/85	12500	781.0	0.9	0.35	120	0.065	125	SCR / Diode Phase Control
TD425N16KOF	1600	425/85	12500	781.0	0.9	0.35	120	0.065	125	SCR / Diode Phase Control
TD430N22KOF	2200	430/85	12000	720.0	0.95	0.45	150	0.065	125	SCR / Diode Phase Control
TD430N22KOF TIM	2200	430/85	12000	720	0.95	0.45	150	0.65	125	SCR / Diode Phase Control
TD500N18KOF	1800	500/85	14500	1051.0	0.85	0.35	200	0.058	125	SCR / Diode Phase Control
TD500N16KOF	1600	500/85	14500	1051.0	0.85	0.35	200	0.058	125	SCR / Diode Phase Control
TD500N16KOF TIM	1600	500/85	14500	1051.0	0.85	0.35	200	0.058	125	SCR / Diode Phase Control
TD500N12KOF	1200	500/85	14500	1051.0	0.85	0.35	200	0.058	125	SCR / Diode Phase Control
TD520N22KOF	2200	520/85	18000	1051.0	0.85	0.35	200	0.058	125	SCR / Diode Phase Control
TD570N16KOF	1600	570/87	14000	980.0	0.8	0.23	200	0.058	125	SCR / Diode Phase Control
TD600N16KOF	1600	600/85	21000	1531.0	0.8	0.23	200	0.058	125.0	SCR / Diode Phase Control
TD600N16KOF TIM	1600	600/85	21000	1531.0	0.8	0.23	200	0.058	125.0	SCR / Diode Phase Control

Single Thyristor Modules



Product	$V_{\text{DRM}} / V_{\text{RRM}}$ [V]	$I_{\text{FAVM}}/T_c / I_{\text{TAVM}}/T_c$ [A/°C] (@180° el sin)	$I_{\text{FSM}} / I_{\text{TSM}}$ [A] (@10ms, $T_{vj \text{ max}}$)	$\int i^2 dt$ [A ² · s · 10 ³] (@10ms, $T_{vj \text{ max}}$)	V_{T0} [V] (@ $T_{vj \text{ max}}$) max	r_T [mΩ] (@ $T_{vj \text{ max}}$) max	$(di_T/dt)_{cr}$ [A/μs] (@DIN IEC 747-6)	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Power Line - Single thyristor modules - baseplate = 50 mm - pressure contact										
TZ150N26KOF	2600	150/85	4000	101.0	1.2	2.3	60	0.13	125	Single SCR Phase Control
TZ240N36KOF	3600	240/85	5500	151.0	1.17	1.7	100	0.078	125	Single SCR Phase Control
TZ240N34KOF	3400	240/85	5500	151.0	1.17	1.7	100	0.078	125	Single SCR Phase Control
TZ240N32KOF	3200	240/85	5500	151.0	1.17	1.7	100	0.078	125	Single SCR Phase Control
TZ240N30KOF	3000	240/85	5500	151.0	1.17	1.7	100	0.078	125	Single SCR Phase Control
TZ310N26KOF	2600	310/85	8000	320.0	1.0	0.86	120	0.078	125	Single SCR Phase Control
TZ310N24KOF	2400	310/85	8000	320.0	1.0	0.86	120	0.078	125	Single SCR Phase Control
TZ310N22KOF	2200	310/85	8000	320.0	1.0	0.86	120	0.078	125	Single SCR Phase Control
TZ310N20KOF	2000	310/85	8000	320.0	1.0	0.86	120	0.078	125	Single SCR Phase Control
TZ400N26KOF	2600	400/85	11000	605.0	1.0	0.5	150	0.065	125	Single SCR Phase Control
TZ400N24KOF	2400	400/85	11000	605.0	1.0	0.5	150	0.065	125	Single SCR Phase Control
TZ400N20KOF	2000	400/85	11000	605.0	1.0	0.5	150	0.065	125	Single SCR Phase Control
TZ425N18KOF	1800	425/85	12500	781.0	0.9	0.3	120	0.078	125	Single SCR Phase Control
TZ425N16KOF	1600	425/85	12500	781.0	0.9	0.3	120	0.078	125	Single SCR Phase Control
TZ425N14KOF	1400	425/85	12500	781.0	0.9	0.3	120	0.078	125	Single SCR Phase Control
TZ425N12KOF	1200	425/85	12500	781.0	0.9	0.3	120	0.078	125	Single SCR Phase Control
TZ430N22KOF	2200	430/85	12000	720.0	0.95	0.45	150	0.065	125	Single SCR Phase Control
TZ430N20KOF	2000	430/85	12000	720.0	0.95	0.45	150	0.065	125	Single SCR Phase Control
TZ500N18KOF	1800	500/85	14500	1051.0	0.9	0.27	200	0.065	125	Single SCR Phase Control
TZ500N16KOF	1600	500/85	14500	1051.0	0.9	0.27	200	0.065	125	Single SCR Phase Control
TZ500N14KOF	1400	500/85	14500	1051.0	0.9	0.27	200	0.065	125	Single SCR Phase Control
TZ500N12KOF	1200	500/85	14500	1051.0	0.9	0.27	200	0.065	125	Single SCR Phase Control
TZ600N16KOF	1600	600/85	14000	980.0	0.9	0.27	200	0.065	125	Single SCR Phase Control
TZ600N14KOF	1600	600/85	14000	980.0	0.9	0.27	200	0.065	125	Single SCR Phase Control
TZ600N12KOF	1200	600/85	14000	980.0	0.9	0.27	200	0.065	125	Single SCR Phase Control

Single Thyristor Modules



Product	$V_{\text{DRM}} / V_{\text{RRM}}$ [V]	$I_{\text{FAVM}}/T_c / I_{\text{TAVM}}/T_c$ [A/°C] (@180° el sin)	$I_{\text{FSM}} / I_{\text{TSM}}$ [A] (@10ms, $T_{vj \text{ max}}$)	$\int i^2 dt$ [A ² · s · 10 ³] (@10ms, $T_{vj \text{ max}}$)	V_{T0} [V] (@ $T_{vj \text{ max}}$) max	r_T [mΩ] (@ $T_{vj \text{ max}}$) max	$(di_T/dt)_{cr}$ [A/μs] (@DIN IEC 747-6)	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Power Line - Single thyristor modules - baseplate = 70 mm - pressure contact										
TZ530N36KOF	3600	530/85	20000	2000.0	1.05	0.49	80	0.045	125	Single SCR Phase Control
TZ530N32KOF	3200	530/85	20000	2000.0	1.05	0.49	80	0.045	125	Single SCR Phase Control
TZ630N28KOF	2800	630/85	23000	2650.0	0.95	0.37	150	0.042	125	Single SCR Phase Control
TZ630N24KOF	2400	630/85	23000	2650.0	0.95	0.37	150	0.042	125	Single SCR Phase Control
TZ630N22KOF	2200	630/85	23000	2650.0	0.95	0.37	150	0.042	125	Single SCR Phase Control
TZ740N22KOF	2200	740/85	26500	3500.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ740N22KOF TIM	2200	819/85	30000	3500.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ740N20KOF	2000	740/85	26500	3500.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ800N18KOF	1800	800/85	30000	4500.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ800N18KOF TIM	1800	800/85	30000	4500.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ800N16KOF	1600	800/85	30000	4500.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ800N16KOF TIM	1600	800/85	30000	4500.0	0.82	0.17	200	0.422	125	Single SCR Phase Control
TZ800N14KOF	1400	800/85	30000	4500.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ800N12KOF	1200	800/85	30000	4500.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ810N22KOF	2200	819/85	35000	6125.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ810N22KOF TIM	2200	819/85	35000	6125.0	0.82	0.17	200	0.042	125	Single SCR Phase Control
TZ860N16KOF	1600	860/85	46000	8000.0	0.8	0.145	200	0.042	125	Single SCR Phase Control
TZ860N16KOF TIM	1600	860/85	46000	8000.0	0.8	0.145	200	0.042	125	Single SCR Phase Control

Diode / Thyristor Modules

Power Line - Diode / thyristor modules - baseplate = 20 mm - pressure contact										
DT61N16KOF	1600	60/85	1400	9.8	0.8	3.4	150	0.52	125	Diode / SCR Phase Control
DT92N16KOF	1600	92/85	1800	16.2	0.85	2.15	150	0.37	130	Diode / SCR Phase Control
Power Line - Diode / thyristor modules - baseplate = 34 mm - pressure contact										
DT142N12KOF	1200	142/85	4100	84.0	0.9	1.1	150	0.22	125	Diode / SCR Phase Control
Power Line - Diode / thyristor modules - baseplate = 50 mm - pressure contact										
DT170N20/14KOF	1400	170/85	4600	245.0	0.8	0.7	150	0.13	125	Diode / SCR Phase Control
DT250N16KOF	1600	250/85	7000	245.0	0.8	0.7	150	0.13	125	Diode / SCR Phase Control
Power Line - Diode / thyristor modules - baseplate = 60 mm - pressure contact										
DT430N22KOF	2200	430/85	12000	720.0	0.95	0.45	150	0.065	125	Diode / SCR Phase Control

Diode Modules



Product	$V_{\text{DRM}} / V_{\text{RRM}}$ [V]	$I_{\text{FAVM}} / T_c / I_{\text{TAVM}} / T_c$ [A/°C] (@180° el sin)	$I_{\text{FSM}} / I_{\text{TSM}}$ [A] (@10ms, $T_{vj \text{ max}}$)	$\int i^2 dt$ [A²s · 10³] (@10ms, $T_{vj \text{ max}}$)	V_{T0} [V] (@ $T_{vj \text{ max}}$) max	r_T [mΩ] (@ $T_{vj \text{ max}}$) max	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Eco Line - Rectifier diode modules - baseplate = 20 mm - solder solder									
DD100N16S	1600	134/100	2000	20.0	0.87	2.45	0.2	130	Rectifier diode
Power Line - Rectifier diode modules - baseplate = 20 mm - pressure contact									
DD89N18K	1800	89/100	2400	28.8	0.75	2.3	0.45	150	Rectifier diode
DD89N16K	1600	89/100	2400	28.8	0.75	2.3	0.45	150	Rectifier diode
DD89N14K	1400	89/100	2400	28.8	0.75	2.3	0.45	150	Rectifier diode
DD89N12K	1200	89/100	2400	28.8	0.75	2.3	0.45	150	Rectifier diode
DD98N25K	2500	98/100	2000	20.0	0.82	2.0	0.39	150	Rectifier diode
DD98N24K	2400	98/100	2000	20.0	0.82	2.0	0.39	150	Rectifier diode
DD98N22K	2200	98/100	2000	20.0	0.82	2.0	0.39	150	Rectifier diode
DD98N20K	2000	98/100	2000	20.0	0.82	2.0	0.39	150	Rectifier diode
DD104N18K	1800	104/100	2500	31.25	0.7	2.1	0.39	150	Rectifier diode
DD104N16K	1600	104/100	2500	31.25	0.7	2.1	0.39	150	Rectifier diode
DD104N14K	1400	104/100	2500	31.25	0.7	2.1	0.39	150	Rectifier diode
DD104N12K	1200	104/100	2500	31.25	0.7	2.1	0.39	150	Rectifier diode
ND89N16K	1600	89/100	2400	28.8	0.75	2.3	0.45	150	Single rectifier diode
ND89N12K	1200	89/100	2400	28.8	0.75	2.3	0.45	150	Single rectifier diode
ND104N18K	1800	104/100	2500	31.25	0.7	2.1	0.39	150	Single rectifier diode
ND104N16K	1600	104/100	2500	31.25	0.7	2.1	0.39	150	Single rectifier diode
ND104N12K	1200	104/100	2500	31.25	0.7	2.1	0.39	150	Single rectifier diode

Diode Modules



Product	$V_{\text{DRM}} / V_{\text{RRM}}$ [V]	$I_{\text{FAVM}}/T_{\text{C}} / I_{\text{TAVM}}/T_{\text{C}}$ [A/°C] (@180° el sin)	$I_{\text{FSM}} / I_{\text{TSM}}$ [A] (@10ms, $T_{\text{vj max}}$)	$\int i^2 dt$ [A ² s · 10 ³] (@10ms, $T_{\text{vj max}}$)	V_{T0} [V] (@ $T_{\text{vj max}}$) max	r_{r} [mΩ] (@ $T_{\text{vj max}}$) max	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Eco Line - Rectifier diode modules - baseplate = 34 mm - solder bond									
DD170N16S	1600	165/100	5500	151.25	0.75	1.05	0.18	135	Rectifier diode
DD180N22S	2200	174/100	5750	131.6	0.85	0.95	0.14	135	Rectifier diode
DD180N20S	2000	174/100	5750	131.6	0.85	0.95	0.14	135	Rectifier diode
DD180N18S	1800	174/100	5750	131.6	0.85	0.95	0.14	135	Rectifier diode
DD180N16S	1600	174/100	5750	131.6	0.85	0.95	0.14	135	Rectifier diode
Power Line - Rectifier diode modules - baseplate = 34 mm - pressure contact									
DD160N22K	2200	160/100	4600	105.8	0.8	1.0	0.26	150	Rectifier diode
DD171N18K	1800	170/100	5600	157.0	0.75	0.8	0.26	150	Rectifier diode
DD171N16K	1600	170/100	5600	157.0	0.75	0.8	0.26	150	Rectifier diode
DD171N14K	1400	170/100	5600	157.0	0.75	0.8	0.26	150	Rectifier diode
DD171N12K	1200	170/100	5600	157.0	0.75	0.8	0.26	150	Rectifier diode
ND171N18K	1800	170/100	5600	157.0	0.75	0.8	0.26	150	Single rectifier diode
ND171N16K	1600	170/100	5600	157.0	0.75	0.8	0.26	150	Single rectifier diode
ND171N14K	1400	170/100	5600	157.0	0.75	0.8	0.26	150	Single rectifier diode
ND171N12K	1200	170/100	5600	157.0	0.75	0.8	0.26	150	Single rectifier diode

Diode Modules



Product	$V_{\text{DRM}} / V_{\text{RRM}}$ [V]	$I_{\text{FAVM}}/T_c / I_{\text{TAVM}}/T_c$ [A/°C] (@180° el sin)	$I_{\text{FSM}} / I_{\text{TSM}}$ [A] (@10ms, $T_{vj \text{ max}}$)	$\int i^2 dt$ [A ² s · 10 ³] (@10ms, $T_{vj \text{ max}}$)	V_{T0} [V] (@ $T_{vj \text{ max}}$) max	r_r [mΩ] (@ $T_{vj \text{ max}}$) max	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Eco Line - Rectifier diode modules - baseplate = 50 mm - solder bond									
DD340N22S	2200	330/100	12000	720.0	0.84	0.6	0.086	130	Rectifier diode
DD340N20S	2000	330/100	12000	720.0	0.84	0.6	0.086	130	Rectifier diode
DD340N18S	1800	330/100	12000	720.0	0.84	0.6	0.086	130	Rectifier diode
DD340N16S	1600	330/100	12000	720.0	0.84	0.6	0.086	130	Rectifier diode
Power Line - Rectifier diode modules - baseplate = 50 mm - pressure contact									
DD175N34K	3400	175/100	4000	80.0	0.9	1.8	0.17	150	Rectifier diode
DD175N32K	3200	175/100	4000	80.0	0.9	1.8	0.17	150	Rectifier diode
DD175N30K	3000	175/100	4000	80.0	0.9	1.8	0.17	150	Rectifier diode
DD231N26K	2600	231/100	6400	205.0	0.8	0.84	0.17	150	Rectifier diode
DD231N24K	2400	231/100	6400	205.0	0.8	0.84	0.17	150	Rectifier diode
DD231N22K	2200	231/100	6400	205.0	0.8	0.84	0.17	150	Rectifier diode
DD231N20K	2000	231/100	6400	205.0	0.8	0.84	0.17	150	Rectifier diode
DD260N18K	1800	260/100	8300	344.0	0.7	0.68	0.17	150	Rectifier diode
DD260N16K	1600	260/100	8300	344.0	0.7	0.68	0.17	150	Rectifier diode
DD260N14K	1400	260/100	8300	344.0	0.7	0.68	0.17	150	Rectifier diode
DD260N12K	1200	260/100	8300	344.0	0.7	0.68	0.17	150	Rectifier diode
DD261N22K	2200	260/100	8300	344.0	0.7	0.68	0.17	150	Rectifier diode
DD261N20K	2000	260/100	8300	344.0	0.7	0.68	0.17	150	Rectifier diode
DD285N04K	400	285/100	8300	344.0	0.75	0.4	0.17	150	Rectifier diode
DD285N02K	400	285/100	8300	344.0	0.75	0.4	0.17	150	Rectifier diode
DD350N18K	1800	350/100	11000	605.0	0.75	0.4	0.13	150	Rectifier diode
DD350N16K	1600	350/100	11000	605.0	0.75	0.4	0.13	150	Rectifier diode
DD350N14K	1400	350/100	11000	605.0	0.75	0.4	0.13	150	Rectifier diode
DD350N12K	1200	350/100	11000	605.0	0.75	0.4	0.13	150	Rectifier diode
DD360N22K	2200	360/100	13000	550.0	0.75	0.4	0.125	150	Rectifier diode
DD380N16K	1600	380/100	11500	660.0	0.75	0.32	0.125	150	Rectifier diode
ND260N16K	1600	260/100	8300	344.0	0.7	0.68	0.17	150	Single rectifier diode
ND260N14K	1400	260/100	8300	344.0	0.7	0.68	0.17	150	Single rectifier diode
ND260N12K	1200	260/100	8300	344.0	0.7	0.68	0.17	150	Single rectifier diode
ND261N26K	2600	260/100	8300	344.0	0.7	0.68	0.17	150	Single rectifier diode

Diode Modules



Product	$V_{\text{DRM}} / V_{\text{RRM}}$ [V]	$I_{\text{FAVM}}/T_c / I_{\text{TAVM}}/T_c$ [A/°C] (@180° el sin)	$I_{\text{FSM}} / I_{\text{TSM}}$ [A] (@10ms, $T_{vj \text{ max}}$)	$\int i^2 dt$ [A²s · 10³] (@10ms, $T_{vj \text{ max}}$)	V_{T0} [V] (@ $T_{vj \text{ max}}$) max	r_T [mΩ] (@ $T_{vj \text{ max}}$) max	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Power Line - Rectifier diode modules - baseplate = 50 mm - pressure contact									
ND261N22K	2200	260/100	8300	344.0	0.7	0.68	0.17	150	Single rectifier diode
ND261N20K	2000	260/100	8300	344.0	0.7	0.68	0.17	150	Single rectifier diode
ND350N16K	1600	350/100	11000	605.0	0.75	0.4	0.13	150	Single rectifier diode
ND350N12K	1200	350/100	11000	605.0	0.75	0.4	0.13	150	Single rectifier diode
DZ435N40K	4000	435/100	12000	720.0	0.84	0.6	0.078	150	Single rectifier diode
DZ435N36K	3600	435/100	12000	720.0	0.84	0.6	0.078	150	Single rectifier diode
DZ540N26K	2600	540/100	14000	980.0	0.78	0.31	0.078	150	Single rectifier diode
DZ540N22K	2200	540/100	14000	980.0	0.78	0.31	0.078	150	Single rectifier diode
DZ540N20K	2000	540/100	14000	980.0	0.78	0.31	0.078	150	Single rectifier diode
DZ600N18K	1800	600/100	19000	1805.0	0.75	0.22	0.078	150	Single rectifier diode
DZ600N16K	1600	600/100	19000	1805.0	0.75	0.22	0.078	150	Single rectifier diode
DZ600N14K	1400	600/100	19000	1805.0	0.75	0.22	0.078	150	Single rectifier diode
DZ600N12K	1200	600/100	19000	1805.0	0.75	0.22	0.078	150	Single rectifier diode
Power Line - Rectifier diode modules - baseplate = 60 mm - pressure contact									
DD435N40K	4000	435/100	12000	720.0	0.84	0.6	0.078	150	Rectifier diode
DD435N36K	3600	435/100	12000	720.0	0.84	0.6	0.078	150	Rectifier diode
DD435N34K	3400	435/100	12000	720.0	0.84	0.6	0.078	150	Rectifier diode
DD435N28K	2800	435/100	12000	720.0	0.84	0.6	0.078	150	Rectifier diode
DD540N26K	2600	540/100	14000	980.0	0.78	0.31	0.078	150	Rectifier diode
DD540N22K	2200	540/100	14000	980.0	0.78	0.31	0.078	150	Rectifier diode
DD600N18K	1800	600/100	19000	1800.0	0.75	0.215	0.078	150	Rectifier diode
DD600N16K	1600	600/100	19000	1800.0	0.75	0.215	0.078	150	Rectifier diode
DD600N14K	1400	600/100	19000	1800.0	0.75	0.215	0.078	150	Rectifier diode
DD600N12K	1200	600/100	19000	1800.0	0.75	0.215	0.078	150	Rectifier diode
DD700N22K	2200	700/100	21000	1805.0	0.78	0.19	0.065	150	Rectifier diode
DD710N16K	1600	710/100	26000	2420.0	0.75	0.15	0.065	150	Rectifier diode

Single Diode Modules



Product	$V_{\text{DRM}} / V_{\text{RRM}}$ [V]	$I_{\text{FAVM}}/T_c / I_{\text{TAVM}}/T_c$ [A/°C] (@180° el sin)	$I_{\text{FSM}} / I_{\text{TSM}}$ [A] (@10ms, $T_{vj \text{ max}}$)	$\int i^2 dt$ [A ² s · 10 ³] (@10ms, $T_{vj \text{ max}}$)	V_{T0} [V] (@ $T_{vj \text{ max}}$) max	r_T [mΩ] (@ $T_{vj \text{ max}}$) max	R_{thJC} [K/W] (@180° el sin) max	T_{vj} [°C] max	Configuration
Power Line - Rectifier diode modules - baseplate = 70 mm - pressure contact									
DZ950N44K	4400	950/100	29000	4205.0	0.85	0.28	0.042	150	Single rectifier diode
DZ950N36K	3600	950/100	29000	4205.0	0.85	0.28	0.042	150	Single rectifier diode
DZ1070N28K	2800	1070/100	35000	6125.0	0.8	0.17	0.045	160	Single rectifier diode
DZ1070N26K	2600	1070/100	35000	6125.0	0.8	0.17	0.045	160	Single rectifier diode
DZ1070N22K	2200	1100/100	41000	6125.0	0.75	0.073	0.045	150	Single rectifier diode
DZ1070N18K	1800	1100/100	41000	6125.0	0.75	0.073	0.045	150	Single rectifier diode
DZ1100N22K	2200	1100/100	48000	8000.0	0.75	0.073	0.048	150	Single rectifier diode

Fittings – Gateleads for Modules

Product	Suitable for module packages	Length [mm]
GATELEAD PB20 G1K1	PB20	500
GATELEAD PB20 G2K2	PB20	500
GATELEAD PB34-60 G1K1	PB34, PB50, PB50 (Single), PB60	500
GATELEAD PB34-70 G2K2	PB34, PB50, PB70 (Single), PB60	500

Fast Rectifier Diodes



Product	V_{RRM} [V]	I_{FAVM}/T_c [A/°C] (@180° el sin)	I_{FSM} [A] (@10ms, $T_{vj\ max}$)	$\int I_t dt$ [A²s · 10³] (@10ms, $T_{vj\ max}$)	V_F/I_F [V/kA] (@ $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	I_{RM} [A] (@ $I_F = I_{FAVM}$, $di/dt = 50$ A/μs) max	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kN] min	Clamping force [kN] max	Housing
Power Line - Fast rectifier diodes up to 2600V													
D650S14T QR	1400	650/96	10100	510	2.25/2.7	1.0	0.45	122	48.0	150	6.0	14.5	Disc dia 58mm height 26mm / Ceramic
D650S14T	1400	650/96	10100	510	2.25/2.7	1.0	0.45	122	48.0	150	6.0	14.5	Disc dia 58mm height 26mm / Ceramic
D650S12T	1200	650/96	10100	510	2.25/2.7	1.0	0.45	122	48.0	150	6.0	14.5	Disc dia 58mm height 26mm / Ceramic
D450S20T	2000	443/100	4600	106	2.25/1.2	1.0	0.9	160	57.0	150	3.2	7.6	Disc dia 42mm height 14mm / Ceramic
D450S16T	1600	443/100	4600	106	2.25/1.2	1.0	0.9	160	57.0	150	3.2	7.6	Disc dia 42mm height 14mm / Ceramic
D690S26T	2600	690/100	11500	661	2.7/3.0	1.0	0.5	230	39.0	150	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D690S24T	2400	690/100	11500	661	2.7/3.0	1.0	0.5	230	39.0	150	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D690S22T	2200	690/100	11500	661	2.7/3.0	1.0	0.5	230	39.0	150	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D690S20T	2000	690/100	11500	661	3.7/3.0	1.0	0.5	230	39.0	150	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
Power Line - GTO - freewheeling diodes													
D721S45T	4500	720/85	15000	1300	3.5/2.5	1.7	0.69	600	18.0	125	15.0	36.0	Disc dia 75mm height 26mm / Ceramic
D721S35T VF	3500	720/85	15000	1300	3.5/2.5	1.7	0.69	600	18.0	125	15.0	36.0	Disc dia 75mm height 26mm / Ceramic
D921S45T	4500	1380/85	28000	2650	2.6/2.5	1.4	0.48	800	12.5	140	27.0	45.0	Disc dia 100mm height 26mm / Ceramic
D1251S45T	4500	1310/85	18000	1620	2.5/2.5	1.25	0.45	800	14.0	140	15.0	36.0	Disc dia 76mm height 14mm / Ceramic
D1381S45T	4500	1380/85	28000	5120	2.6/2.5	1.4	0.48	700	12.5	140	27.0	35.0	Disc dia 100mm height 26mm / Ceramic
D1461S45T	4500	1460/85	28000	5120	2.5/2.5	1.43	0.38	840	12.5	140	27.0	45.0	Disc dia 100mm height 26mm / Ceramic

Rectifier Diodes



Product	V_{RRM} [V]	I_{FAVM}/T_C [A/°C] (@180° el sin)	I_{FSM} [A] (@10ms, $T_{vj\ max}$)	$\int I^2 dt$ [A ² s · 10 ³] (@10ms, $T_{vj\ max}$)	V^2/I^2 [V/kA] (@ $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 800V												
D650N08T	800	651/100	510	130	1.44/1.35	0.7	0.51	81.0	180	2.6	4.6	Disc dia 42mm height 14mm / Ceramic
D650N06T	600	651/100	510	130	1.44/1.35	0.7	0.51	81.0	180	2.6	4.6	Disc dia 42mm height 14mm / Ceramic
D650N04T	400	651/100	510	130	1.44/1.35	0.7	0.51	81.0	180	2.6	4.6	Disc dia 42mm height 14mm / Ceramic
D650N02T	200	651/100	510	130	1.44/1.35	0.7	0.51	81.0	180	2.6	4.6	Disc dia 42mm height 14mm / Ceramic
D970N08T	800	972/100	8800	387	1.45/2.3	0.7	0.31	57.0	180	3.9	7.6	Disc dia 42mm height 14mm / Ceramic
D970N06T	600	972/100	8800	387	1.45/2.3	0.7	0.31	57.0	180	3.9	7.6	Disc dia 42mm height 14mm / Ceramic
D970N04T	400	972/100	8800	387	1.45/2.3	0.7	0.31	57.0	180	3.9	7.6	Disc dia 42mm height 14mm / Ceramic
D970N02T	200	972/100	8800	387	1.45/2.3	0.7	0.31	57.0	180	3.9	7.6	Disc dia 42mm height 14mm / Ceramic
D2450N07T	700	2452/100	4000	4061	1.5/7.7	0.7	0.1	25.3	180	12.0	24.0	Disc dia 58mm height 14mm / Ceramic
D2450N06T	600	2452/100	4000	4061	1.5/7.7	0.7	0.1	25.3	180	12.0	24.0	Disc dia 58mm height 14mm / Ceramic
D2450N04T	400	2452/100	4000	4061	1.5/7.7	0.7	0.1	25.3	180	12.0	24.0	Disc dia 58mm height 14mm / Ceramic
D2450N02T	200	2452/100	4000	4061	1.5/7.7	0.7	0.1	25.3	180	12.0	24.0	Disc dia 58mm height 14mm / Ceramic
D5810N06T VF	600	5800/58	70000	24500	1.47/18.0	0.7	0.04	17.0	180	30.0	60.0	Disc dia 75mm height 26mm / Ceramic
D5810N04T VF	400	5800/58	70000	24500	1.47/18.0	0.7	0.04	17.0	180	30.0	60.0	Disc dia 75mm height 26mm / Ceramic
D5810N02T VF	200	5800/58	70000	24500	1.47/18.0	0.7	0.04	17.0	180	30.0	60.0	Disc dia 75mm height 26mm / Ceramic
D8320N06T VF	600	8320/56	95000	45000	0.94/10.0	0.7	0.02	12.5	180	40.0	80.0	Disc dia 100mm height 26mm / Ceramic
D8320N04T VF	400	8320/56	95000	45000	0.94/10.0	0.7	0.02	12.5	180	40.0	80.0	Disc dia 100mm height 26mm / Ceramic
D8320N02T VF	200	8320/56	95000	45000	0.94/10.0	0.7	0.02	12.5	180	40.0	80.0	Disc dia 100mm height 26mm / Ceramic
Power Line - Ceramic discs up to 1800V												
D1050N18T	1800	1050/130	18500	1710	1.76/5.0	0.81	0.17	38.0	180	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D1050N16T	1600	1050/130	18500	1710	1.76/5.0	0.81	0.17	38.0	180	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D1050N14T	1400	1050/130	18500	1710	1.76/5.0	0.81	0.17	38.0	180	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D1050N12T	1200	1050/130	18500	1710	1.76/5.0	0.81	0.17	38.0	180	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D1230N18T	1800	1234/100	11800	696	1.77/3.2	0.81	0.28	39.0	180	6.0	15.0	Disc dia 48mm height 14mm / Ceramic
D1230N16T	1600	1234/100	11800	696	1.77/3.2	0.81	0.28	39.0	180	6.0	15.0	Disc dia 48mm height 14mm / Ceramic
D1230N14T	1400	1234/100	11800	696	1.77/3.2	0.81	0.28	39.0	180	6.0	15.0	Disc dia 48mm height 14mm / Ceramic
D1230N12T	1200	1234/100	11800	696	1.77/3.2	0.81	0.28	39.0	180	6.0	15.0	Disc dia 48mm height 14mm / Ceramic

Rectifier Diodes



Product	V_{RRM} [V]	I_{FAVM}/T_C [A/°C] (@180° el sin)	I_{FSM} [A] (@10ms, $T_{vj\ max}$)	$\int I^2 dt$ [A ² s · 10 ³] (@10ms, $T_{vj\ max}$)	V^2/I^2 [V/kA] (@ $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 3000V												
D770N20T	2000	767/100	6000	180	1.76/1.6	0.81	0.54	57.0	180	3.2	7.6	Disc dia 42mm height 14mm / Ceramic
D770N18T	1800	767/100	6000	180	1.76/1.6	0.81	0.54	57.0	180	3.2	7.6	Disc dia 42mm height 14mm / Ceramic
D770N16T	1600	767/100	6000	180	1.76/1.6	0.81	0.54	57.0	180	3.2	7.6	Disc dia 42mm height 14mm / Ceramic
D770N14T	1400	767/100	6000	180	1.76/1.6	0.81	0.54	57.0	180	3.2	7.6	Disc dia 42mm height 14mm / Ceramic
D770N12T	1200	767/100	6000	180	1.76/1.6	0.81	0.54	57.0	180	3.2	7.6	Disc dia 42mm height 14mm / Ceramic
D950N22T	2200	950/100	10250	525	2.1/2.8	0.7	0.5	45.0	180	6.0	12.0	Disc dia 42mm height 14mm / Ceramic
D950N18T	1800	950/100	10250	525	2.1/2.8	0.7	0.5	45.0	180	6.0	12.0	Disc dia 42mm height 14mm / Ceramic
D820N28T	2800	818/100	9000	405	2.15/2.4	0.83	0.52	39.0	160	6.0	15.0	Disc dia 48mm height 14mm / Ceramic
D820N26T	2600	818/100	9000	405	2.15/2.4	0.83	0.52	39.0	160	6.0	15.0	Disc dia 48mm height 14mm / Ceramic
D820N24T	2400	818/100	9000	405	2.15/2.4	0.83	0.52	39.0	160	6.0	15.0	Disc dia 48mm height 14mm / Ceramic
D820N22T	2200	818/100	9000	405	2.15/2.4	0.83	0.52	39.0	160	6.0	15.0	Disc dia 48mm height 14mm / Ceramic
D820N20T	2000	818/100	9000	405	2.15/2.4	0.83	0.52	39.0	160	6.0	15.0	Disc dia 48mm height 14mm / Ceramic
D1030N26T	2600	1030/100	14500	1051	2.05/4.0	0.82	0.28	38.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D1030N24T	2400	1030/100	14500	1051	2.05/4.0	0.82	0.28	38.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D1030N22T	2200	1030/100	14500	1051	2.05/4.0	0.82	0.28	38.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D2200N24T VF	2400	2200/100	35000	6125	1.17/2.5	0.83	0.15	17.0	160	24.0	60.0	Disc dia 75mm height 26mm / Ceramic
D2200N22T VF	2200	2200/100	35000	6125	1.17/2.5	0.83	0.15	17.0	160	24.0	60.0	Disc dia 74mm height 26mm / Ceramic
D2200N20T VF	2000	2200/100	35000	6125	1.17/2.5	0.83	0.15	17.0	160	24.0	60.0	Disc dia 74mm height 26mm / Ceramic
D2520N22T VF	2200	2520/100	35000	6125	1.57/10.2	0.73	0.1	22.0	175	15.0	24.0	Disc dia 76mm height 26mm / Ceramic
D2650N24T VF	2400	3520 / 100	41000	5611	2.25/9.0	0.82	0.15	16.9	180	24.0	60.0	Disc dia 75mm height 26mm / Ceramic
D4201N22T	2200	4830/100	73500	27000	0.94/4.0	0.67	0.08	9.2	160	36.0	52.0	Disc dia 120mm height 35mm / Ceramic
D4201N20T	2000	4830/100	73500	27000	0.94/4.0	0.67	0.08	9.2	160	36.0	52.0	Disc dia 120mm height 35mm / Ceramic
D4810N28T VF	2800	4810/100	60000	18000	1.45/10.0	0.83	0.06	8.0	160	42.0	95.0	Disc dia 111mm height 26mm / Ceramic
D4810N24T VF	2400	4810/100	60000	18000	1.45/10.0	0.83	0.06	8.0	160	42.0	95.0	Disc dia 111mm height 26mm / Ceramic
D4810N22T VF	2200	4810/100	60000	18000	1.45/10.0	0.83	0.06	8.0	160	42.0	95.0	Disc dia 111mm height 26mm / Ceramic
D4810N20T VF	2000	4810/100	60000	18000	1.45/10.0	0.83	0.06	8.0	160	42.0	95.0	Disc dia 111mm height 26mm / Ceramic

Rectifier Diodes



Product	V_{RRM} [V]	I_{FAVM}/T_C [A/°C] (@180° el sin)	I_{FSM} [A] (@10ms, $T_{vj\ max}$)	$\int I^2 dt$ [A²s · 10³] (@10ms, $T_{vj\ max}$)	V^2/I^2 [V/kA] (@ $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 5000V												
D270N36T	3600	270/100	4000	80	2.6/1.05	0.86	1.54	98.0	150	3.2	7.6	Disc dia 58mm height 26mm / Ceramic
D740N48T	4800	750/100	11000	605	2.94/3.0	0.85	0.65	39.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D740N46T	4600	750/100	11000	605	2.94/3.0	0.85	0.65	39.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D740N44T	4400	750/100	11000	605	2.94/3.0	0.85	0.65	39.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D740N42T	4200	750/100	11000	605	2.94/3.0	0.85	0.65	39.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D740N40T	4000	750/100	11000	605	2.94/3.0	0.85	0.65	39.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D740N36T	3600	750/100	11000	605	2.94/3.0	0.85	0.65	39.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D850N40T	4000	850/100	12800	819	2.62/3.5	0.84	0.49	38.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D850N36T	3600	850/100	12800	819	2.62/3.5	0.84	0.49	38.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D850N34T	3400	850/100	12800	819	2.62/3.5	0.84	0.49	38.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D850N32T	3200	850/100	12800	819	2.62/3.5	0.84	0.49	38.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D850N30T	3000	850/100	12800	819	2.62/3.5	0.84	0.49	38.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D850N28T	2800	850/100	12800	819	2.62/3.5	0.84	0.49	38.0	160	10.0	24.0	Disc dia 58mm height 26mm / Ceramic
D1800N48T VF	4800	1800/100	27500	3781	2.82/7.4	0.85	0.25	16.9	160	24.0	60.0	Disc dia 75mm height 26mm / Ceramic
D1800N46T VF	4600	1800/100	27500	3781	2.82/7.4	0.85	0.25	16.9	160	24.0	60.0	Disc dia 75mm height 26mm / Ceramic
D1800N44T VF	4400	1800/100	27500	3781	2.82/7.4	0.85	0.25	16.9	160	24.0	60.0	Disc dia 75mm height 26mm / Ceramic
D1800N43T VF	4300	1800/100	27500	3781	2.82/7.4	0.85	0.25	16.9	160	24.0	60.0	Disc dia 75mm height 26mm / Ceramic
D1800N42T VF	4200	1800/100	27500	3781	2.82/7.4	0.85	0.25	16.9	160	24.0	60.0	Disc dia 75mm height 26mm / Ceramic
D1800N40T VF	4000	1800/100	27500	3781	2.82/7.4	0.85	0.25	16.9	160	24.0	60.0	Disc dia 75mm height 26mm / Ceramic
D1800N36T VF	3600	1800/100	27500	3781	2.82/7.4	0.85	0.25	16.9	160	24.0	60.0	Disc dia 75mm height 26mm / Ceramic
D2201N45T	4500	2320/100	38000	7220	1.17/2.5	0.69	0.206	11.2	140	27.0	45.0	Disc dia 100mm height 26mm / Ceramic
D3501N42T	4200	3690/100	56000	15700	1.2/4.0	0.73	0.13	9.2	160	36.0	52.0	Disc dia 120mm height 35mm / Ceramic
D3501N40T PR	4000	3690/100	56000	15700	1.2/4.0	0.73	0.13	9.2	160	36.0	52.0	Disc dia 120mm height 35mm / Ceramic
D3501N36T	3600	3690/100	56000	15700	1.2/4.0	0.73	0.13	9.2	160	36.0	52.0	Disc dia 120mm height 35mm / Ceramic
D6001N50T	5000	6070/100	110000	60500	1.15/6.0	0.8	0.09	4.6	160	63.0	91.0	Disc dia 150mm height 26mm / Ceramic

Rectifier Diodes



Product	V_{RRM} [V]	I_{FAVM}/T_C [A/°C] (@180° el sin)	I_{FSM} [A] (@10ms, $T_{vj\ max}$)	$\int I^2 dt$ [A²s · 10³] (@10ms, $T_{vj\ max}$)	V^2/I^2 [V/kA] (@ $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 10000V												
D471N90T	9000	565/100	10000	500	3.0/1.2	1.04	1.78	31.5	160	10.0	16.0	Disc dia 58mm height 26mm / Ceramic
D471N85T	8500	565/100	10000	500	3.0/1.2	1.04	1.78	31.5	160	10.0	16.0	Disc dia 58mm height 26mm / Ceramic
D471N80T	8000	565/100	10000	500	3.0/1.2	1.04	1.78	31.5	160	10.0	16.0	Disc dia 58mm height 26mm / Ceramic
D711N68T	6800	790/100	10500	550	1.77/1.2	0.84	0.87	31.5	160	10.0	16.0	Disc dia 58mm height 26mm / Ceramic
D711N65T	6500	790/100	10500	550	1.77/1.2	0.84	0.87	31.5	160	10.0	16.0	Disc dia 58mm height 26mm / Ceramic
D711N60T	6000	790/100	10500	550	1.77/1.2	0.84	0.87	31.5	160	10.0	16.0	Disc dia 58mm height 26mm / Ceramic
D1481N68T VF	6800	1650/100	24500	3000	1.8/2.5	0.75	0.42	15.8	160	15.0	36.0	Disc dia 75mm height 26mm / Ceramic
D1481N65T	6500	1650/100	24500	3000	1.8/2.5	0.75	0.42	15.8	160	15.0	36.0	Disc dia 75mm height 26mm / Ceramic
D1481N62T	6200	1650/100	24500	3000	1.8/2.5	0.75	0.42	15.8	160	15.0	36.0	Disc dia 75mm height 26mm / Ceramic
D1481N60T	6000	1650/100	24500	3000	1.8/2.5	0.75	0.42	15.8	160	15.0	36.0	Disc dia 75mm height 26mm / Ceramic
D1481N58T	5800	1650/100	24500	3000	1.8/2.5	0.75	0.42	15.8	160	15.0	36.0	Disc dia 75mm height 26mm / Ceramic
D3001N68T	6800	2900/100	53000	14040	1.8/4.0	0.84	0.22	9.2	160	36.0	52.0	Disc dia 120mm height 35mm / Ceramic
D3001N65T	6500	2900/100	53000	14040	1.8/4.0	0.84	0.22	9.2	160	36.0	52.0	Disc dia 120mm height 35mm / Ceramic
D3001N60T PR	6000	2900/100	53000	14040	1.8/4.0	0.84	0.22	9.2	160	36.0	52.0	Disc dia 120mm height 35mm / Ceramic
D3001N58T	5800	2900/100	53000	14040	1.8/4.0	0.84	0.22	9.2	160	36.0	52.0	Disc dia 120mm height 35mm / Ceramic
D3041N68T	6800	3040/100	53000	14040	1.7/4.0	0.84	0.22	8.55	160	36.0	52.0	Disc dia 120mm height 26mm / Ceramic
D3041N65T	6500	3040/100	53000	14040	1.7/4.0	0.84	0.22	8.55	160	36.0	52.0	Disc dia 120mm height 26mm / Ceramic
D3041N58T	5800	3040/100	53000	14040	1.7/4.0	0.84	0.22	8.55	160	36.0	52.0	Disc dia 120mm height 26mm / Ceramic
D2601N90T	9000	2240/100	50000	12500	2.6/4.0	0.94	0.41	8.55	160	36.0	52.0	Disc dia 120mm height 26mm / Ceramic
D2601N85T	8500	2240/100	50000	12500	2.6/4.0	0.94	0.41	8.55	160	36.0	52.0	Disc dia 120mm height 26mm / Ceramic
D2601NH90T	9000	1440/85	22000	12500	2.6/4.0	0.94	0.41	8.55	160	36.0	52.0	Disc dia 120mm height 26mm / Ceramic

IGCT/IGBT – Freewheeling Diodes



Product	V_{RRM} [V]	$V_R(D)$ [kV] (@TC = 25°)	I_{FAVM}/T_C [A/°C] (@180° el sin)	I_{FSM} [A] (@10ms, $T_{vj\ max}$)	$\int I^2 dt$ [A²s · 10³] (@10ms, $T_{vj\ max}$)	V_F/I_F [V/kA] (@ $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	Q_r [mAs] (@di/dt = 1000 A/μs, I_{FM} = 2.5 kA, $T_{vj\ max}$) max	I_{RM} [A] (@di/dt = 1000 A/μs, IFM = 2.5 kA, $T_{vj\ max}$) max	R_{thJC} [K/kW] (@DC) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line															
D931SH65T	6500.0	3.2	940/85	16000.0	1280.0	5.6/2.5	1.99	1.44	3.5	1300.0	11.1	140.0	27.0	45.0	Disc Dia 100mm height 26mm / Ceramic
D1031SH45T	4500.0	2.8	1120/85	23000.0	2645.0	4.2/2.5	1.78	0.968	3.5	1500.0	10.0	140.0	27.0	45.0	Disc Dia 100mm height 26mm / Ceramic
D1131SH65T	6500.0	3.2	1100/85	22000.0	-	4.2/2.5	2.19	1.364	3.5	1200.0	7.5	140.0	36.0	52.0	Disc Dia 120mm height 26mm / Ceramic
D1331SH45T	4500.0	2.8	1310/85	28000.0	1530.0	5.6/2.5	1.83	0.948	3.5	1500.0	7.5	140.0	36.0	52.0	Disc Dia 120mm height 26mm / Ceramic
D1951SH65T	6500.0	3.2	1920/85	44000.0	9680.0	4.0/2.5	1.77	0.892	5.0	1800.0	6.4	140.0	63.0	91.0	Disc Dia 120mm height 26mm / Ceramic
D1961SH45T	4500.0	2.8	1830/85	40000.0	8000.0	2.5/2.5	1.25	0.5	12.0	2250.0	7.5	140.0	36.0	52.0	Disc Dia 120mm height 26mm / Ceramic
Prime Line															
D1600U45X122	4500.0	2.8	1680/55	28000.0	3920.0	4.3/2.5	-	-	6.0	3600	7.5	140.0	36.0	65.0	Disc dia 120mm height 26mm / Ceramic
D2700U45X122	4500.0	2.8	2900/55	48000.0	11500.0	2.5/2.5	-	-	9.5	4200	5.6	140.0	50.0	100.0	Disc dia 120mm height 26mm / Ceramic
D4600U45X172	4500.0	2.8	4780/55	80000.0	32000.0	2.0/2.5	-	-	13.0	5500	3.3	140.0	50.0	130.0	Disc dia 172 mm height 26mm / Ceramic

Thyristor Discs



Product	V_{DRM} / V_{RRM} [V]	I_{TAVM}/T_c [A/°C] (@180° el sin)	I_{TSM} [A] (@10ms, T_{vj} max)	$\int i^2 dt$ [A ² s · 10 ³] (@10ms, T_{vj} max)	V_T/I_T [V/kA] (@ T_{vj} max)	V_{T0} [V] (@ T_{vj} max)	r_T [mΩ] (@ T_{vj} max) max	t_q [μs]	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 800V													
T580N06TOF	600	568/85	5500	151.0	1.63/1.5	1.0	0.4	200	62.0	140	3	6	Disc dia 42mm height 14mm / Ceramic
T580N04TOF	400	568/85	5500	151.0	1.63/1.5	1.0	0.4	200	62.0	140	3	6	Disc dia 42mm height 14mm / Ceramic
T580N02TOF	200	568/85	5500	151.0	1.63/1.5	1.0	0.4	200	62.0	140	3	6	Disc dia 42mm height 14mm / Ceramic
T690N06TOF	600	694/85	6700	225.0	1.76/2.0	0.8	0.44	200	51.0	140	4	8	Disc dia 42mm height 14mm / Ceramic
T690N04TOF	400	694/85	6700	225.0	1.76/2.0	0.8	0.44	200	51.0	140	4	8	Disc dia 42mm height 14mm / Ceramic
T690N02TOF	200	694/85	6700	225.0	1.76/2.0	0.8	0.44	200	51.0	140	4	8	Disc dia 42mm height 14mm / Ceramic
T920N06TOF	600	925/85	12000	720.0	1.65/2.5	1.0	0.23	150	39.0	140	5.5	8	Disc dia 48mm height 14mm / Ceramic
T920N04TOF	400	925/85	12000	720.0	1.65/2.5	1.0	0.23	150	39.0	140	5.5	8	Disc dia 48mm height 14mm / Ceramic
T920N02TOF	200	925/85	12000	720.0	1.65/2.5	1.0	0.23	150	39.0	140	5.5	8	Disc dia 48mm height 14mm / Ceramic
T1080N06TOF	600	1075/85	14500	1050.0	1.81/3.5	1.02	0.2	150	33.0	140	8	16	Disc dia 48mm height 14mm / Ceramic
T1080N04TOF	400	1075/85	14500	1050.0	1.81/3.5	1.02	0.2	150	33.0	140	8	16	Disc dia 48mm height 14mm / Ceramic
T1080N02TOF	200	1075/85	14500	1050.0	1.81/3.5	1.02	0.2	150	33.0	140	8	16	Disc dia 48mm height 14mm / Ceramic
T1410N06TOF	600	1490/85	20000	2000.0	1.50/4.5	1.0	0.1	200	27.0	140	12	24	Disc dia 58mm height 14mm / Ceramic
T1410N04TOF	400	1490/85	20000	2000.0	1.50/4.5	1.0	0.1	200	27.0	140	12	24	Disc dia 58mm height 14mm / Ceramic
T1410N02TOF	200	1490/85	20000	2000.0	1.50/4.5	1.0	0.1	200	27.0	140	12	24	Disc dia 58mm height 14mm / Ceramic
T2510N06TOF VT	600	2509/85	42000	8820.0	1.22/6.0	0.75	0.072	200	18.4	140	24	56	Disc dia 75mm height 26mm / Ceramic
T2510N04TOF VT	400	2509/85	42000	8820.0	1.22/6.0	0.75	0.072	200	18.4	140	24	56	Disc dia 75mm height 26mm / Ceramic
T2510N02TOF VT	200	2509/85	42000	8820.0	1.22/6.0	0.75	0.072	200	18.4	140	24	56	Disc dia 75mm height 26mm / Ceramic
T3710N06TOF VT	600	3710/85	60000	18000.0	1.50/15.0	0.75	0.048	200	12.5	140	30	65	Disc dia 100mm height 26mm / Ceramic
T3710N04TOF VT	400	3710/85	60000	18000.0	1.50/15.0	0.75	0.048	200	12.5	140	30	65	Disc dia 100mm height 26mm / Ceramic
T3710N02TOF VT	200	3710/85	60000	18000.0	1.50/15.0	0.75	0.048	200	12.5	140	30	65	Disc dia 100mm height 26mm / Ceramic

Thyristor Discs



Product	V_{DRM} / V_{RRM} [V]	I_{TAVM}/T_C [A/°C] (@180° el sin)	I_{TSM} [A] (@10ms, T_{vj} max)	$\int i^2 dt$ [A²s · 10³] (@10ms, T_{vj} max)	V_T/I_T [V/kA] (@ T_{vj} max)	V_{T0} [V] (@ T_{vj} max) max	r_T [mΩ] (@ T_{vj} max) max	t_q [μs]	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 1800V													
T300N18TOF	1800	303/85	3400	58.0	2.20/0.8	0.9	1.35	200	69.0	125	2.5	5	Disc dia 42mm height 14mm / Ceramic
T300N16TOF	1600	303/85	3400	58.0	2.20/0.8	0.9	1.35	200	69.0	125	2.5	5	Disc dia 42mm height 14mm / Ceramic
T300N14TOF	1400	303/85	3400	58.0	2.20/0.8	0.9	1.35	200	69.0	125	2.5	5	Disc dia 42mm height 14mm / Ceramic
T300N12TOF	1200	303/85	3400	58.0	2.20/0.8	0.9	1.35	200	69.0	125	2.5	5	Disc dia 42mm height 14mm / Ceramic
T300N10TOF	1000	303/85	3400	58.0	2.20/0.8	0.9	1.35	200	69.0	125	2.5	5	Disc dia 42mm height 14mm / Ceramic
T390N16TOF	1600	381/85	4250	91.0	2.00/1.1	0.85	0.9	200	62.0	125	3	6	Disc dia 42mm height 14mm / Ceramic
T390N14TOF	1400	381/85	4250	91.0	2.00/1.1	0.85	0.9	200	62.0	125	3	6	Disc dia 42mm height 14mm / Ceramic
T390N12TOF	1200	381/85	4250	91.0	2.00/1.1	0.85	0.9	200	62.0	125	3	6	Disc dia 42mm height 14mm / Ceramic
T420N18TOF	1800	424/85	6400	205.0	2.10/1.5	0.9	0.75	220	56.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T420N16TOF	1600	424/85	6400	205.0	2.10/1.5	0.9	0.75	220	56.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T420N14TOF	1400	424/85	6400	205.0	2.10/1.5	0.9	0.75	220	56.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T420N12TOF	1200	424/85	6400	205.0	2.10/1.5	0.9	0.75	220	56.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T430N18TOF	1800	433/85	4600	106.0	2.07/1.2	0.85	0.9	250	51.0	125	4	8	Disc dia 42mm height 14mm / Ceramic
T430N16TOF	1600	433/85	4600	106.0	2.07/1.2	0.85	0.9	250	51.0	125	4	8	Disc dia 42mm height 14mm / Ceramic
T430N14TOF	1400	433/85	4600	106.0	2.07/1.2	0.85	0.9	250	51.0	125	4	8	Disc dia 42mm height 14mm / Ceramic
T430N12TOF	1200	433/85	4600	106.0	2.07/1.2	0.85	0.9	250	51.0	125	4	8	Disc dia 42mm height 14mm / Ceramic
T470N16TOF	1600	470/85	6350	202.0	1.85/1.2	0.8	0.75	250	51.0	125	4	8	Disc dia 42mm height 14mm / Ceramic
T470N14TOF	1400	470/85	6350	202.0	1.85/1.2	0.8	0.75	250	51.0	125	4	8	Disc dia 42mm height 14mm / Ceramic
T470N12TOF	1200	470/85	6350	202.0	1.85/1.2	0.8	0.75	250	51.0	125	4	8	Disc dia 42mm height 14mm / Ceramic
T560N18TOF	1800	559/85	6900	238.0	1.92/1.6	0.8	0.6	250	44.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T560N16TOF	1600	559/85	6900	238.0	1.92/1.6	0.8	0.6	250	44.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T560N14TOF	1400	559/85	6900	238.0	1.92/1.6	0.8	0.6	250	44.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T560N12TOF	1200	559/85	6900	238.0	1.92/1.6	0.8	0.6	250	44.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T590N18TOF	1800	588/85	8000	320.0	2.15/2.4	0.8	0.5	250	45.0	125	6	12	Disc dia 58mm height 26mm / Ceramic
T590N16TOF	1600	588/85	8000	320.0	2.15/2.4	0.8	0.5	250	45.0	125	6	12	Disc dia 58mm height 26mm / Ceramic
T590N14TOF	1400	588/85	8000	320.0	2.15/2.4	0.8	0.5	250	45.0	125	6	12	Disc dia 58mm height 26mm / Ceramic
T590N12TOF	1200	588/85	8000	320.0	2.15/2.4	0.8	0.5	250	45.0	125	6	12	Disc dia 58mm height 26mm / Ceramic
T640N18TOF	1800	644/85	8000	320.0	2.15/2.4	0.8	0.5	250	39.0	125	6	12	Disc dia 48mm height 14mm / Ceramic
T640N16TOF	1600	644/85	8000	320.0	2.15/2.4	0.8	0.5	250	39.0	125	6	12	Disc dia 48mm height 14mm / Ceramic
T640N14TOF	1400	644/85	8000	320.0	2.15/2.4	0.8	0.5	250	39.0	125	6	12	Disc dia 48mm height 14mm / Ceramic
T640N12TOF	1200	644/85	8000	320.0	2.15/2.4	0.8	0.5	250	39.0	125	6	12	Disc dia 48mm height 14mm / Ceramic
T680N14TOF	1400	681/85	9500	451.0	1.75/2.0	0.8	0.42	250	39.0	125	6	12	Disc dia 48mm height 14mm / Ceramic
T680N12TOF	1200	681/85	9500	451.0	1.75/2.0	0.8	0.42	250	39.0	125	6	12	Disc dia 48mm height 14mm / Ceramic
T720N18TOF	1800	718/85	12500	781.0	1.94/3.0	0.85	0.35	250	38.0	125	9	18	Disc dia 58mm height 26mm / Ceramic
T720N16TOF	1600	718/85	12500	781.0	1.94/3.0	0.85	0.35	250	38.0	125	9	18	Disc dia 58mm height 26mm / Ceramic

Thyristor Discs



Product	V_{DRM} / V_{RRM} [V]	I_{TAVM}/T_c [A/°C] (@180° el sin)	I_{TSM} [A] (@10ms, T_{vj} max)	$\int i^2 dt$ [A ² s · 10 ³] (@10ms, T_{vj} max)	V_T/I_T [V/kA] (@ T_{vj} max)	V_{T0} [V] (@ T_{vj} max) max	r_T [mΩ] (@ T_{vj} max) max	t_q [μs]	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 1800V													
T720N14TOF	1400	718/85	12500	781.0	1.94/3.0	0.85	0.35	250	38.0	125	9	18	Disc dia 58mm height 26mm / Ceramic
T720N12TOF	1200	718/85	12500	781.0	1.94/3.0	0.85	0.35	250	38.0	125	9	18	Disc dia 58mm height 26mm / Ceramic
T830N18TOF	1800	844/85	12500	781.0	1.94/3.0	0.85	0.3	250	30.0	125	9	18	Disc dia 58mm height 14mm / Ceramic
T830N16TOF	1600	844/85	12500	781.0	1.94/3.0	0.85	0.3	250	30.0	125	9	18	Disc dia 58mm height 14mm / Ceramic
T830N14TOF	1400	844/85	12500	781.0	1.94/3.0	0.85	0.3	250	30.0	125	9	18	Disc dia 58mm height 14mm / Ceramic
T830N12TOF	1200	844/85	12500	781.0	1.94/3.0	0.85	0.3	250	30.0	125	9	18	Disc dia 58mm height 14mm / Ceramic
T880N18TOF	1800	879/85	15500	1200.0	1.95/3.6	0.85	0.27	250	32.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T880N16TOF	1600	879/85	15500	1200.0	1.95/3.6	0.85	0.27	250	32.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T880N14TOF	1400	879/85	15500	1200.0	1.95/3.6	0.85	0.27	250	32.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T880N12TOF	1200	879/85	15500	1200.0	1.95/3.6	0.85	0.27	250	32.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T940N18TOF	1800	959/85	15500	1200.0	1.95/3.6	0.85	0.27	250	28.0	125	10.5	21	Disc dia 58mm height 14mm / Ceramic
T940N16TOF	1600	959/85	15500	1200.0	1.95/3.6	0.85	0.27	250	28.0	125	10.5	21	Disc dia 58mm height 14mm / Ceramic
T940N14TOF	1200	959/85	15500	1200.0	1.95/3.6	0.85	0.27	250	28.0	125	10.5	21	Disc dia 58mm height 14mm / Ceramic
T940N12TOF	1200	959/85	15500	1200.0	1.95/3.6	0.85	0.27	250	28.0	125	10.5	21	Disc dia 58mm height 14mm / Ceramic
T1190N18TOF VT	1800	1190/85	22500	2530.0	2.05/5.4	0.9	0.19	240	23.0	125	16	32	Disc dia 75mm height 26mm / Ceramic
T1190N16TOF VT	1600	1190/85	22500	2530.0	2.05/5.4	0.9	0.19	240	23.0	125	16	32	Disc dia 75mm height 26mm / Ceramic
T1190N14TOF VT	1400	1190/85	22500	2530.0	2.05/5.4	0.9	0.19	240	23.0	125	16	32	Disc dia 75mm height 26mm / Ceramic
T1190N12TOF VT	1200	1190/85	22500	2530.0	2.05/5.4	0.9	0.19	240	23.0	125	16	32	Disc dia 75mm height 26mm / Ceramic
T1500N18TOF VT	1800	1500/85	33500	5611.0	2.10/7.0	0.9	0.15	240	18.4	125	24	56	Disc dia 75mm height 26mm / Ceramic
T1500N16TOF VT	1600	1500/85	33500	5611.0	2.10/7.0	0.9	0.15	240	18.4	125	24	56	Disc dia 75mm height 26mm / Ceramic
T1500N14TOF VT	1400	1500/85	33500	5611.0	2.10/7.0	0.9	0.15	240	18.4	125	24	56	Disc dia 75mm height 26mm / Ceramic
T1500N12TOF VT	1200	1500/85	33500	5611.0	2.10/7.0	0.9	0.15	240	18.4	125	24	56	Disc dia 75mm height 26mm / Ceramic
T2180N18TOF VT	1800	2180/85	36000	6480.0	2.05/8.0	0.9	0.106	250	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T2180N16TOF VT	1600	2180/85	36000	6480.0	2.05/8.0	0.9	0.106	250	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T2180N14TOF VT	1400	2180/85	36000	6480.0	2.05/8.0	0.9	0.106	250	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T2180N12TOF VT	1200	2180/85	36000	6480.0	2.05/8.0	0.9	0.106	250	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T3160N18TOF VT	1800	3160/85	57000	16245.0	1.37/6.0	0.85	0.082	250	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T3160N16TOF VT	1600	3160/85	57000	16245.0	1.37/6.0	0.85	0.082	250	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T3160N14TOF VT	1400	3160/85	57000	16245.0	1.37/6.0	0.85	0.082	250	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T3160N12TOF VT	1200	3160/85	57000	16245.0	1.37/6.0	0.85	0.082	250	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic

Thyristor Discs



Product	V_{DRM} / V_{RRM} [V]	I_{TAVM}/T_c [A/°C] (@180° el sin)	I_{TSM} [A] (@10ms, T_{vj} max)	$\int i^2 dt$ [A ² s · 10 ³] (@10ms, T_{vj} max)	V_T/I_T [V/kA] (@ T_{vj} max)	V_{T0} [V] (@ T_{vj} max) max	r_T [mΩ] (@ T_{vj} max) max	t_q [μs]	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 3000V													
T360N28TOF	2800	360/85	4500	101.0	2.88/1.1	1.1	1.6	350	44.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T360N26TOF	2600	360/85	4500	101.0	2.88/1.1	1.1	1.6	350	44.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T360N24TOF	2400	360/85	4500	101.0	2.88/1.1	1.1	1.6	350	44.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T360N22TOF	2200	360/85	4500	101.0	2.88/1.1	1.1	1.6	350	44.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T360N20TOF	2000	360/85	4500	101.0	2.88/1.1	1.1	1.6	350	44.0	125	5	10	Disc dia 48mm height 14mm / Ceramic
T460N26TOF	2600	459/85	9000	405.0	2.75/2.0	1.0	0.84	300	45.5	125	7.5	17.5	Disc dia 58mm height 26mm / Ceramic
T460N24TOF	2400	459/85	9000	405.0	2.75/2.0	1.0	0.84	300	45.5	125	7.5	17.5	Disc dia 58mm height 26mm / Ceramic
T460N22TOF	2200	459/85	9000	405.0	2.75/2.0	1.0	0.84	300	45.5	125	7.5	17.5	Disc dia 58mm height 26mm / Ceramic
T660N26TOF	2600	659/85	11500	660.0	2.53/2.85	1.0	0.5	300	33.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T660N24TOF	2400	659/85	11500	660.0	2.53/2.85	1.0	0.5	300	33.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T660N22TOF	2200	659/85	11500	660.0	2.53/2.85	1.0	0.5	300	33.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T700N22TOF	2200	699/85	12200	744.0	2.32/2.85	0.95	0.45	300	32.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T700N20TOF	2000	699/85	12200	744.0	2.32/2.85	0.95	0.45	300	32.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T700N18TOF	1800	699/85	12200	744.0	2.32/2.85	0.95	0.45	300	32.0	125	10.5	21	Disc dia 58mm height 26mm / Ceramic
T740N26TOF	2600	745/85	11500	660.0	2.53/2.85	1.0	0.5	300	28.0	125	10.5	21	Disc dia 58mm height 14mm / Ceramic
T740N24TOF	2400	745/85	11500	660.0	2.53/2.85	1.0	0.5	300	28.0	125	10.5	21	Disc dia 58mm height 14mm / Ceramic
T740N22TOF	2200	745/85	11500	660.0	2.53/2.85	1.0	0.5	300	28.0	125	10.5	21	Disc dia 58mm height 14mm / Ceramic
T1040N22TOF VT	2200	1039/85	18500	1711.0	1.53/2.0	0.9	0.3	300	23.1	125	16	32	Disc dia 75mm height 26mm / Ceramic
T1040N20TOF VT	2000	1039/85	18500	1711.0	1.53/2.0	0.9	0.3	300	23.1	125	16	32	Disc dia 75mm height 26mm / Ceramic
T1220N28TOF VT	2800	1220/85	22500	2531.0	1.38/1.0	1.0	0.275	350	18.4	125	20	45	Disc dia 75mm height 26mm / Ceramic
T1220N26TOF VT	2600	1220/85	22500	2531.0	1.38/1.0	1.0	0.275	350	18.4	125	20	45	Disc dia 75mm height 26mm / Ceramic
T1220N24TOF VT	2400	1220/85	22500	2531.0	1.38/1.0	1.0	0.275	350	18.4	125	20	45	Disc dia 75mm height 26mm / Ceramic
T1220N22TOF VT	2200	1220/85	22500	2531.0	1.38/1.0	1.0	0.275	350	18.4	125	20	45	Disc dia 75mm height 26mm / Ceramic
T1220N20TOF VT	2000	1220/85	22500	2531.0	1.38/1.0	1.0	0.275	350	18.4	125	20	45	Disc dia 75mm height 26mm / Ceramic
T1330N22TOF VT	2200	1329/85	23000	2645.0	1.13/1.0	0.9	0.234	300	18.4	125	20	45	Disc dia 75mm height 26mm / Ceramic
T1330N20TOF VT	2000	1329/85	23000	2645.0	1.13/1.0	0.9	0.234	300	18.4	125	20	45	Disc dia 75mm height 26mm / Ceramic
T1330N18TOF VT	1800	1329/85	23000	2645.0	1.13/1.0	0.9	0.234	300	18.4	125	20	45	Disc dia 75mm height 26mm / Ceramic
T1590N28TOF VT	2800	1590/85	28000	3920.0	2.45/5.0	1.1	0.237	400	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T1590N26TOF VT	2600	1590/85	28000	3920.0	2.45/5.0	1.1	0.237	400	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T1590N22TOF VT	2200	1590/85	28000	3920.0	2.45/5.0	1.1	0.237	400	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T1960N22TOF VT	2200	1960/85	35000	6125.0	2.20/8.0	0.9	0.15	300	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T1960N20TOF VT	2000	1960/85	35000	6125.0	2.20/8.0	0.9	0.15	300	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T1960N18TOF VT	1800	1960/85	35000	6125.0	2.20/8.0	0.9	0.15	300	12.5	125	30	65	Disc dia 100mm height 26mm / Ceramic
T2160N28TOF VT	2800	2400/85	40000	8000.0	2.65/8.8	1.05	0.154	400	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic

Thyristor Discs



Product	V_{DRM} / V_{RRM} [V]	I_{TAVM}/T_c [A/°C] (@180° el sin)	I_{TSM} [A] (@10ms, T_{vj} max)	$\int i^2 dt$ [A ² s · 10 ³] (@10ms, T_{vj} max)	V_T/I_T [V/kA] (@ T_{vj} max)	V_{T0} [V] (@ T_{vj} max) max	r_T [mΩ] (@ T_{vj} max) max	t_q [μs]	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 3000V													
T2160N26TOF VT	2600	2400/85	40000	8000.0	2.65/8.8	1.05	0.154	400	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2160N24TOF VT	2400	2400/85	40000	8000.0	2.65/8.8	1.05	0.154	400	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2160N22TOF VT	2200	2400/85	40000	8000.0	2.65/8.8	1.05	0.154	400	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2160N20TOF VT	2000	2400/85	40000	8000.0	2.65/8.8	1.05	0.154	400	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2480N28TOF VT	2800	2480/85	43500	9460.0	1.43/3.0	0.95	0.154	400	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2480N26TOF VT	2600	2480/85	43500	9460.0	1.43/3.0	0.95	0.154	400	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2480N24TOF VT	2400	2480/85	43500	9460.0	1.43/3.0	0.95	0.154	400	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2480N22TOF VT	2200	2480/85	43500	9460.0	1.43/3.0	0.95	0.154	400	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2810N22TOF VT	2200	2810/85	50000	12500.0	2.35/11.0	0.9	0.112	300	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2810N20TOF VT	2000	2810/85	50000	12500.0	2.35/11.0	0.9	0.112	300	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2810N18TOF VT	1800	2810/85	50000	12500.0	2.35/11.0	0.9	0.112	300	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T2810N16TOF VT	1600	2810/85	50000	12500.0	2.35/11.0	0.9	0.112	300	8.5	125	42	95	Disc dia 111mm height 26mm / Ceramic
T4301N28TOF	2800	4030/85	100000	41400.0	1.20/4.0	0.77	0.107	250	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T4301N26TOF	2600	4030/85	100000	41400.0	1.20/4.0	0.77	0.107	250	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T4301N24TOF	2400	4030/85	100000	41400.0	1.20/4.0	0.77	0.107	250	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T4301N22TOF	2200	4030/85	100000	41400.0	1.20/4.0	0.77	0.107	250	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T4771N22TOF PR	2200	4340/85	91000	41400.0	1.20/4.0	0.77	0.107	250	4.8	125	63	91	Disc dia 150mm height 26mm / Ceramic

Thyristor Discs



Product	V_{DRM} / V_{RRM} [V]	I_{TAVM}/T_c [A/°C] (@180° el sin)	I_{TSM} [A] (@10ms, T_{vj} max)	$\int i^2 dt$ [A ² s · 10 ³] (@10ms, T_{vj} max)	V_T/I_T [V/kA] (@ T_{vj} max)	V_{T0} [V] (@ T_{vj} max)	r_T [mΩ] (@ T_{vj} max)	t_q [μs]	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 5500V													
T730N42TOF VT	4200	730/85	15800	1250.0	3.40/3.5	1.2	0.57	400	21.5	120	18	43	Disc dia 75mm height 26mm / Ceramic
T730N40TOF VT	4000	730/85	15800	1250.0	3.40/3.5	1.2	0.57	400	21.5	120	18	43	Disc dia 75mm height 26mm / Ceramic
T730N38TOF VT	3800	730/85	15800	1250.0	3.40/3.5	1.2	0.57	400	21.5	120	18	43	Disc dia 75mm height 26mm / Ceramic
T731N44TOH	4400	870/85	16000	1280.0	1.86/1.2	1.08	0.65	500	18.5	125	15	24	Disc dia 76mm height 26mm / Ceramic
T731N42TOF	4200	870/85	16000	1280.0	1.86/1.2	1.08	0.65	500	18.5	125	15	24	Disc dia 76mm height 26mm / Ceramic
T731N36TOF	3600	870/85	16000	1280.0	1.86/1.2	1.08	0.65	500	18.5	125	15	24	Disc dia 76mm height 26mm / Ceramic
T860N36TOF VT	3600	860/85	17000	1445.0	3.18/3.8	1.08	0.5	400	21.0	125	20	45	Disc dia 75mm height 26mm / Ceramic
T860N32TOF VT	3200	860/85	17000	1445.0	3.18/3.8	1.08	0.5	400	21.0	125	20	45	Disc dia 75mm height 26mm / Ceramic
T860N30TOF VT	3000	860/85	17000	1445.0	3.18/3.8	1.08	0.5	400	21.0	125	20	45	Disc dia 75mm height 26mm / Ceramic
T901N36TOF	3600	940/85	17000	1445.0	1.75/1.2	1.16	0.494	300	18.5	125	15	24	Disc dia 76mm height 26mm / Ceramic
T901N35TOF	3500	940/85	17000	1445.0	1.75/1.2	1.16	0.494	300	18.5	125	15	24	Disc dia 76mm height 26mm / Ceramic
T901N32TOF	3200	940/85	17000	1445.0	1.75/1.2	1.16	0.494	300	18.5	125	15	24	Disc dia 76mm height 26mm / Ceramic
T930N36TOF VT	3600	930/85	17500	1530.0	2.70/3.6	1.0	0.43	500	21.5	125	20	45	Disc dia 75mm height 26mm / Ceramic
T930N34TOF VT	3400	930/85	17500	1530.0	2.70/3.6	1.0	0.43	500	21.5	125	20	45	Disc dia 75mm height 26mm / Ceramic
T930N32TOF VT	3200	930/85	17500	1530.0	2.70/3.6	1.0	0.43	500	21.5	125	20	45	Disc dia 75mm height 26mm / Ceramic
T1401N42TOH	4200	1590/85	36000	6480.0	1.95/2.0	1.29	0.33	350	9.7	125	36	52	Disc dia 120mm height 35mm / Ceramic
T1451N52TOH	5200	1660/85	43000	9250.0	1.70/2.0	0.92	0.37	450	9.7	125	36	52	Disc dia 120mm height 35mm / Ceramic
T1451N48TOH	4800	1660/85	43000	9250.0	1.70/2.0	0.92	0.37	450	9.7	125	36	52	Disc dia 120mm height 35mm / Ceramic
T1551N52TOH PR	5200	1770/85	43000	9250.0	1.70/2.0	0.92	0.37	450	9.0	125	36	52	Disc dia 120mm height 26mm / Ceramic
T1551N48TOH	4800	1770/85	43000	9250.0	1.70/2.0	0.92	0.37	450	9.0	125	36	52	Disc dia 120mm height 26mm / Ceramic
T1601N35TOF	3500	1900/85	44000	8400.0	1.50/2.0	1.0	0.25	300	9.0	125	36	52	Disc dia 120mm height 35mm / Ceramic
T1601N32TOF	3200	1900/85	44000	8400.0	1.50/2.0	1.0	0.25	300	9.0	125	36	52	Disc dia 120mm height 35mm / Ceramic
T1601N28TOF	2800	1900/85	44000	8400.0	1.50/2.0	1.0	0.25	300	9.0	125	36	52	Disc dia 120mm height 35mm / Ceramic
T1800N42TOF PR	4200	1800/85	41000	8405.0	1.65/2.0	0.85	0.4	900	8.5	125	36	52	Disc dia 111mm height 26mm / Ceramic
T1930N38TOF VT	3800	2180/85	37000	6850.0	2.90/8.0	1.08	0.2	450	8.5	125	40	65	Disc dia 111mm height 26mm / Ceramic
T1930N36TOF VT	3600	2180/85	37000	6850.0	2.90/8.0	1.08	0.2	450	8.5	125	40	65	Disc dia 111mm height 26mm / Ceramic
T1930N34TOF VT	3400	2180/85	37000	6850.0	2.90/8.0	1.08	0.2	450	8.5	125	40	65	Disc dia 111mm height 26mm / Ceramic
T1930N32TOF VT	3200	2180/85	37000	6850.0	2.90/8.0	1.08	0.2	450	8.5	125	40	65	Disc dia 111mm height 26mm / Ceramic
T1971N44TOH	4400	1730/85	36000	6480.0	1.95/2.0	1.29	0.33	350	8.6	125	42	95	Disc dia 120mm height 26mm / Ceramic
T1971N40TOH	4000	1730/85	36000	6480.0	1.95/2.0	1.29	0.33	350	8.6	125	42	95	Disc dia 120mm height 26mm / Ceramic
T2001N36TOF	3600	2060/85	41000	8400.0	1.50/2.0	1.0	0.25	300	8.7	125	36	52	Disc dia 120mm height 26mm / Ceramic
T2001N34TOF	3400	2060/85	41000	8400.0	1.50/2.0	1.0	0.25	300	8.7	125	36	52	Disc dia 120mm height 26mm / Ceramic
T2351N52TOH	5200	2250/85	54000	14600.0	1.85/3.0	0.81	0.36	450	6.5	125	45	65	Disc dia 120mm height 26mm / Ceramic

Thyristor Discs



Product	V_{DRM} / V_{RRM} [V]	I_{TAVM}/T_C [A/°C] (@180° el sin)	I_{TSM} [A] (@10ms, T_{vj} max)	$[i^2dt]$ [A ² s · 10 ³] (@10ms, T_{vj} max)	V_T/I_T [V/kA] (@ T_{vj} max)	V_{T0} [V] (@ T_{vj} max) max	r_T [mΩ] (@ T_{vj} max) max	t_q [μs]	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 5500V													
T2351N42TOH	4200	2250/85	54000	14600.0	1.85/3.0	0.81	0.36	450	6.5	125	45	65	Disc dia 120mm height 26mm / Ceramic
T2851N52TOH	5200	2980/85	79000	31000.0	1.70/4.0	0.77	0.235	600	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T2851N48TOH	4800	2980/85	79000	31000.0	1.70/4.0	0.77	0.235	600	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T3441N52TOH	5200	3200/85	79000	31000.0	1.70/4.0	0.77	0.235	600	4.8	125	63	91	Disc dia 150mm height 26mm / Ceramic
T3401N36TOF	3600	3560/85	91000	37850.0	1.40/4.0	0.82	0.145	300	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T3401N32TOF	3200	3560/85	91000	37850.0	1.40/4.0	0.82	0.145	300	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T3401N31TOF	3100	3560/85	91000	37850.0	1.40/4.0	0.82	0.145	300	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T3801N36TOF VT	3600	3830/85	87000	37850.0	1.40/4.0	0.82	0.145	300	4.8	125	63	91	Disc dia 150mm height 26mm / Ceramic
T4021N52TOH	5200	3880/85	100000	50000.0	1.80/6.0	0.93	1.45	550	4.5	125	90	130	Disc dia 172mm height 35mm / Ceramic

Thyristor Discs



Product	V_{DRM} / V_{RRM} [V]	I_{TAVM}/T_c [A/°C] (@180° el sin)	I_{TSM} [A] (@10ms, T_{vj} max)	$\int i^2 dt$ [A ² s · 10 ³] (@10ms, T_{vj} max)	V_T/I_T [V/kA] (@ T_{vj} max)	V_{T0} [V] (@ T_{vj} max) max	r_T [mΩ] (@ T_{vj} max) max	t_q [μs]	R_{thJC} [K/kW] (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing
Power Line - Ceramic discs up to 7500V													
T201N70TOH PR	7000	245/85	4200	88.0	3.4/0.5	1.29	4.22	600	40.0	125	7	12	Disc dia 58mm height 26mm / Ceramic
T280N65TOF	6500	280/85	5800	115.0	2.75/0.5	1.35	2.8	1000	43.0	125	7	12	Disc dia 58mm height 27mm / Ceramic
T501N70TOH	7000	640/85	13000	845.0	2.65/1.0	1.3	1.35	600	17.0	125	15	24	Disc dia 75mm height 26mm / Ceramic
T570N65TOF	6500	540/85	10500	442.0	2.75/1.0	1.35	1.4	1000	21.0	125	13	23	Disc dia 76mm height 26mm / Ceramic
T1060N65TOF PR	6500	1053/85	22500	2530.0	2.43/1.5	1.35	0.72	1000	11.0	125	27	45	Disc dia 100mm height 26mm / Ceramic
T1081N70TOH	7000	1300/85	34000	5780.0	2.7/2.0	1.18	0.759	600	8.6	125	26	52	Disc dia 120mm height 26mm / Ceramic
T1081N65TOH	6500	1300/85	34000	5780.0	2.7/2.0	1.18	0.759	600	8.6	125	26	52	Disc dia 120mm height 26mm / Ceramic
T1081N60TOH	6000	1300/85	34000	5780.0	2.7/2.0	1.18	0.759	600	8.6	125	26	52	Disc dia 120mm height 26mm / Ceramic
T1201N70TOH	7000	1200/85	34000	5780.0	2.7/2.0	1.18	0.759	600	9.7	125	26	52	Disc dia 120mm height 35mm / Ceramic
T1503N75TOH	7500	1770/85	55000	15125.0	3.00/4.0	1.24	0.44	550	6.3	120	63	91	Disc dia 150mm height 40mm / Ceramic
T1620N65TOF PR	6500	1613/85	32000	5120.0	3.3/4.5	1.35	0.43	1000	8.1	125	40	65	Disc dia 111mm height 26mm / Ceramic
T1851N70TOH	7000	1830/85	48000	11500.0	2.65/3.0	1.22	0.49	600	6.5	125	45	65	Disc dia 120mm height 26mm / Ceramic
T1851N65TOH PR	6500	1830/85	48000	11500.0	2.65/3.0	1.22	0.49	600	6.5	125	45	65	Disc dia 120mm height 26mm / Ceramic
T1851N60TOH	6000	1830/85	48000	11500.0	2.65/3.0	1.22	0.49	600	6.5	125	45	65	Disc dia 120mm height 26mm / Ceramic
T1901N75TOH	7500	2100/85	65000	21100.0	3.0/4.0	1.24	0.44	550	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T1901N70TOH	7000	2100/85	65000	21100.0	3.0/4.0	1.24	0.44	550	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T2251N70TOH	7000	2260/85	65000	21100.0	3.0/4.0	1.24	0.44	550	4.8	125	63	91	Disc dia 150mm height 26mm / Ceramic
T2563NH75TOH	7500	2300/85	90000	40500.0	2.95/5.0	1.2	0.35	550	4.8	120	90	130	Disc dia 172mm height 40mm / Ceramic
T2871N75TOH	7500	2620/85	90000	40500.0	2.95/5.0	1.27	0.336	550	4.5	125	90	130	Disc dia 172mm height 35mm / Ceramic
T2871N70TOH PR	7000	2620/85	90000	40500.0	2.95/5.0	1.27	0.336	550	4.5	125	90	130	Disc dia 172mm height 35mm / Ceramic

Prime Line - Light triggered thyristors up to 8000 V													
T533N80TOH PR	8000	540/85	10500	550.0	2.75/1.0	1.26	1.47	650	20.0	120	15	24	Disc dia 76mm height 35mm / Ceramic
T1503NH80TOH	8000	1770/85	55000	15125.0	3.00/4.0	1.24	0.44	550	6.3	120	63	91	Disc dia 150mm height 40mm / Ceramic
T2563N80TOH PR	8000	2300/85	90000	40500.0	2.95/5.0	1.2	0.35	550	4.8	120	90	130	Disc dia 172mm height 40mm / Ceramic
T2563NH80TOH	8000	2300/85	90000	40500.0	2.95/5.0	1.2	0.35	550	4.8	120	90	130	Disc dia 172mm height 40mm / Ceramic
T4003N52TOH PR	5200	3400/85	100000	50000.0	1.80/6.0	0.93	0.145	550	4.8	120	90	130	Disc dia 172mm height 40mm / Ceramic
T4003NH52TOH	5200	3400/85	100000	50000.0	1.80/6.0	0.93	0.145	550	4.8	120	90	130	Disc dia 172mm height 40mm / Ceramic

Prime Line - Electrical triggered thyristors up to 10000V													
T1901N80TOH	8000	2100/85	65000	21100.0	3.0/4.0	1.24	0.44	550	5.4	125	63	91	Disc dia 150mm height 35mm / Ceramic
T2251N80TOH	8000	2260/85	65000	21100.0	3.0/4.0	1.24	0.44	550	4.8	125	63	91	Disc dia 150mm height 26mm / Ceramic
T2871N80TOH	8000	2620/85	90000	40500.0	2.95/5.0	1.27	0.336	550	4.5	125	90	130	Disc dia 172mm height 35mm / Ceramic
T3011N80TOH	8000	2800/85	90000	40500.0	2.95/5.0	1.27	0.336	550	4.0	125	90	130	Disc dia 172mm height 26mm / Ceramic

Welding diodes



Product	V_{RRM} [V]	$I_{FAVM}/T_C < [A/^{\circ}C]$ (@180° el sin)	I_{FSM} [A] (@10ms, $T_{vj\ max}$)	$\int I^2 dt [A^2 \cdot s \cdot 10^3]$ (@10ms, $T_{vj\ max}$)	$V_F/I_F [V/kA]$ (@ $T_{vj\ max}$)	V_{T0} [V] (@ $T_{vj\ max}$) max	r_T [mΩ] (@ $T_{vj\ max}$) max	$R_{thJC} [K/kW]$ (@180° el sin) max	T_{vj} [°C] max	Clamping force [kn] min	Clamping force [kn] max	Housing	Configuration
Power Line													
38DN06	600.0	3885/120	32300.0	5200.0	0.99/4.5	0.66	0.06	12.4	180.0	20.0	30.0	Disc dia 38mm height 4,0mm	Rectifier diodes / Welding diodes
46DN06	600.0	5100/118	52000.0	13500.0	0.99/4.5	0.7	0.05	9.35	180.0	30.0	45.0	Disc dia 46mm height 4,0mm	Rectifier diodes / Welding diodes
56DN06B01	600.0	8400/110	70000.0	24500.0	0.99/4.5	0.66	0.04	5.8	180.0	40.0	60.0	Disc dia 56mm height 5,0mm	Rectifier diodes / Welding diodes
65DN06	600.0	8470/98	95000.0	45000.0	0.99/4.5	0.7	0.03	4.7	180.0	55.0	80.0	Disc dia 65mm height 5mm	Rectifier diodes / Welding diodes

Fittings – Gateleads for Discs

Product	Suitable for disc packages	Connector	Length [mm]
GATELEAD HIGH POWER	T120.26K, T120.35K, T150.26K, T150.35K, T172.26K	6.3 x 0.8/4.8 x 0.8	750
GATELEAD MEDIUM POWER	T42.14K0, T48.14K0, T58.14K0, T58.26K0, T75.26K0, T100.26K0, T111.26K0	4.8 x 0.5/2.8 x 0.5	750

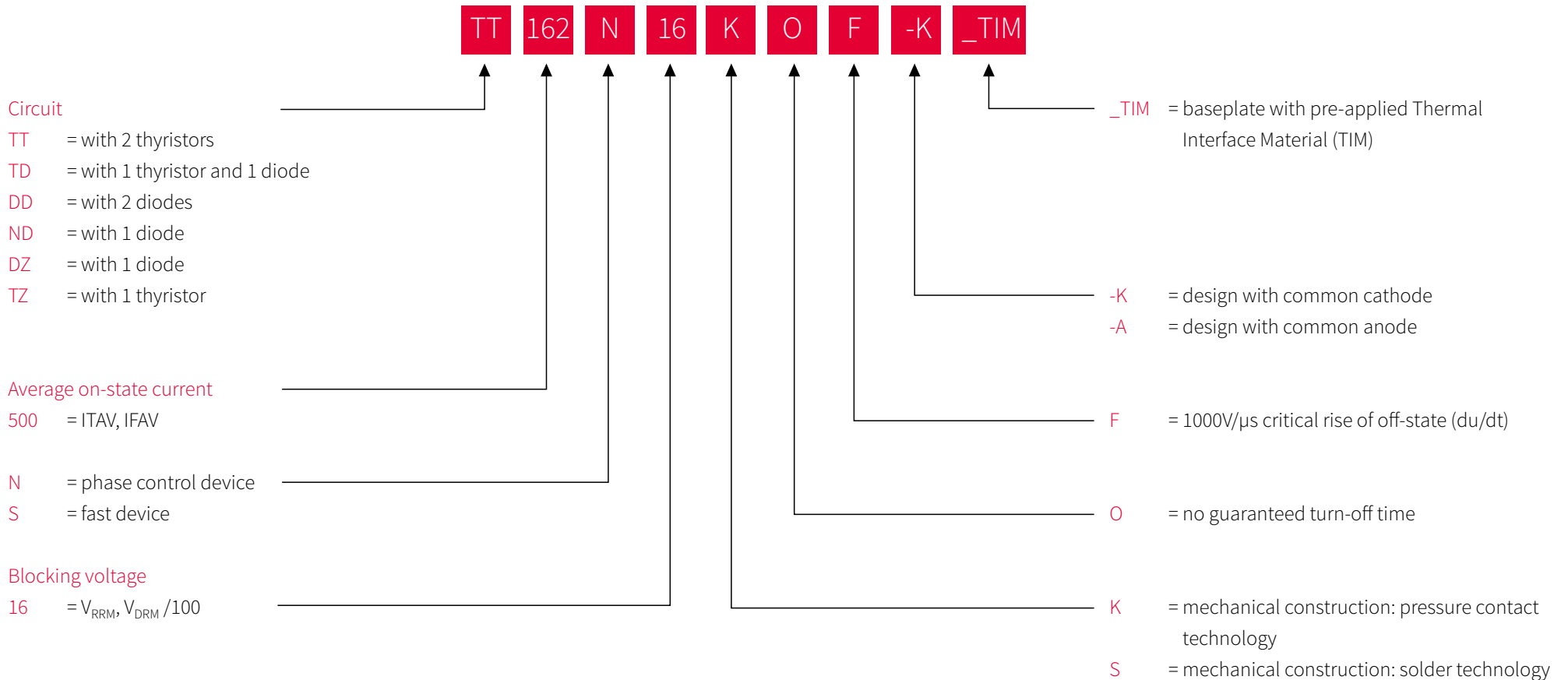
Fittings – Laser Diode & Light Fiber for LTT

Product	Product group	Suitable for disc packages
Laser diodes		
LASER DIODE SPL-PL90 A	Laserdiode for LTT	T76.35L, T150.40L, T172.40L
Light Fiber		
LIGHT FIBER LWL R10-LR50	Light Fiber for LTT	T76.35L
LIGHT FIBER LWL R10-LR87	Light Fiber for LTT	T150.40L, T172.40L

Product	Product group	Suitable for disc packages
LASER DIODE SPL-PL90 A	Laserdiode for LTT	T76.35L, T150.40L, T172.40L
LIGHT FIBER LWL R10-LR50	Light Fiber for LTT	T76.35L
LIGHT FIBER LWL R10-LR87	Light Fiber for LTT	T150.40L, T172.40L

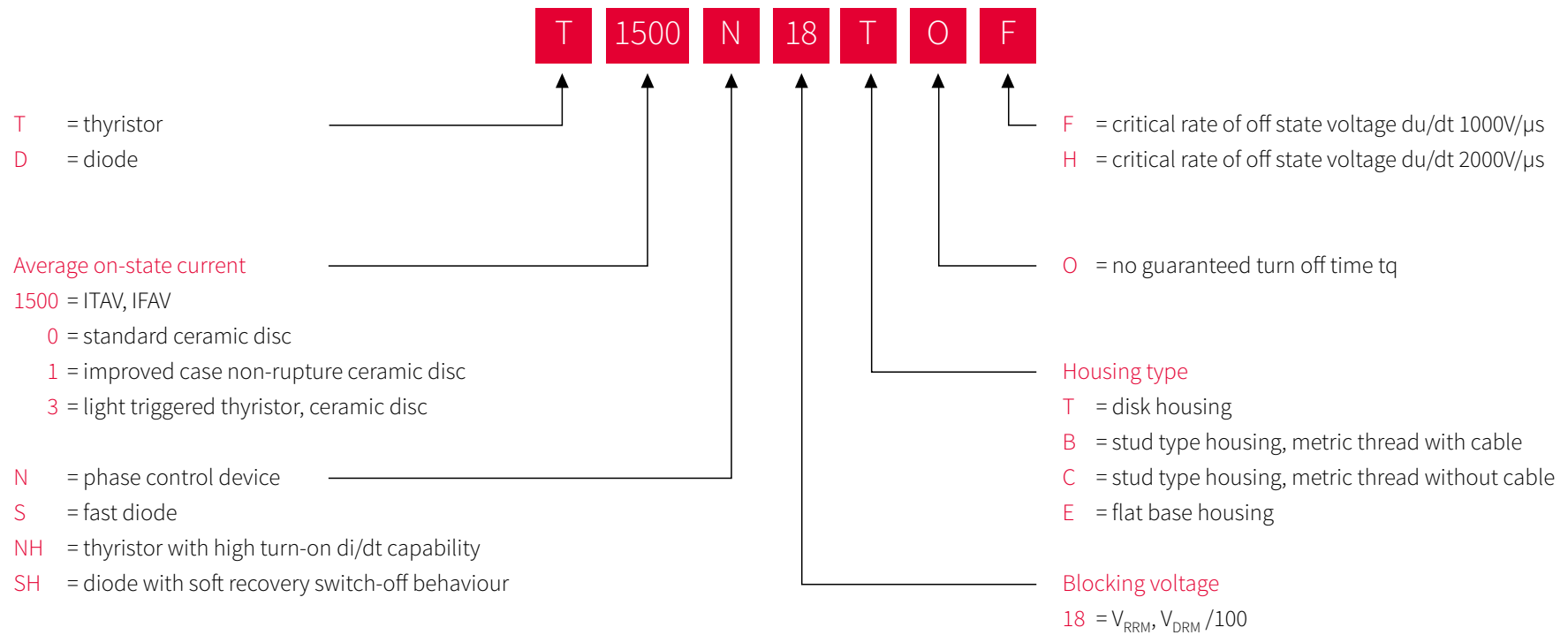
Naming system

Type designation thyristor and diode modules



Naming system

Type designation thyristor and diode discs



Explanations

F	clamping force
G	weight
i_D	forward off-state current
I_{GD}	gate non trigger current
i_{GM}	peak gate current
I_H	holding current
I_L	latching current
i_R	reverse current
I_{TAV}/I_{FAV}	on-state current (average value)
I_{TAVM}/I_{FAVM}	maximum average on-state current
I_{TM}/I_{FM}	on-state current (peak value)
I_{TRMSM}/I_{FRMSM}	maximum RMS on-state current
I_{TSM}/I_{FSM}	surge non repetitive on-state current
I_F	DC forward current
$\int i^2 dt$	I^2t value
di_G/dt	rate of rise of gate current
$di_T/dt/di_F/dt$	rate of rise of on-state current
$(di/dt)_{cr}$	critical rate of rise of on-state current
M	mounting torque
r_T	slope resistance
R_{thCK}	thermal resistance, case to heatsink

R_{thJA}	thermal resistance, junction to coolant
R_{thJC}	thermal resistance, junction to case
t_g	trigger pulse duration
t_q	circuit commutated turn-off time
T_{vj}	junction temperature
T_{vjmax}	maximum permissible junction temperature
T_{vjop}	junction operating temperature
T_{stg}	storage temperature
V_D	forward off-state voltage
V_{DRM}	repetitive peak forward off-state voltage
V_{DSM}	non-repetitive peak forward off-state voltage
V_{GD}	gate non trigger voltage
V_{ISOL}	insulation test voltage
V_R	reverse voltage
V_{RRM}	repetitive reverse voltage
V_{RSM}	non-repetitive peak reverse voltage
V_T/V_F	on-state voltage
$V_{(TO)}$	threshold voltage
$(dv/dt)_{cr}$	critical rate of rise of off-state voltage
Z_{thJC}	transient thermal impedance, junction to case

Notes

Notes

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