

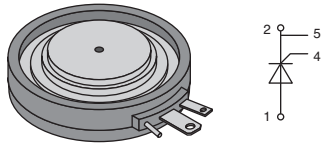
# EUPEC High Power Thyristors and Diodes

## EUPEC HIGH POWER THYRISTORS AND DIODES

### Thyristors

- Features:**
- Reverse Voltage up to 2800 Volts
  - Metal Ceramic Package

- Applications:**
- DC Motor Control (for machine tools)
  - Controlled Rectifier (for battery charging)
  - AC Controllers (for temperature control)

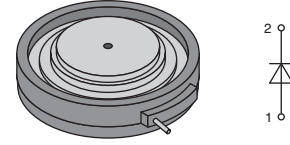


Thyristor

### Diodes

- Features:**
- Reverse Voltage up to 4900 Volts
  - Metal Ceramic Package

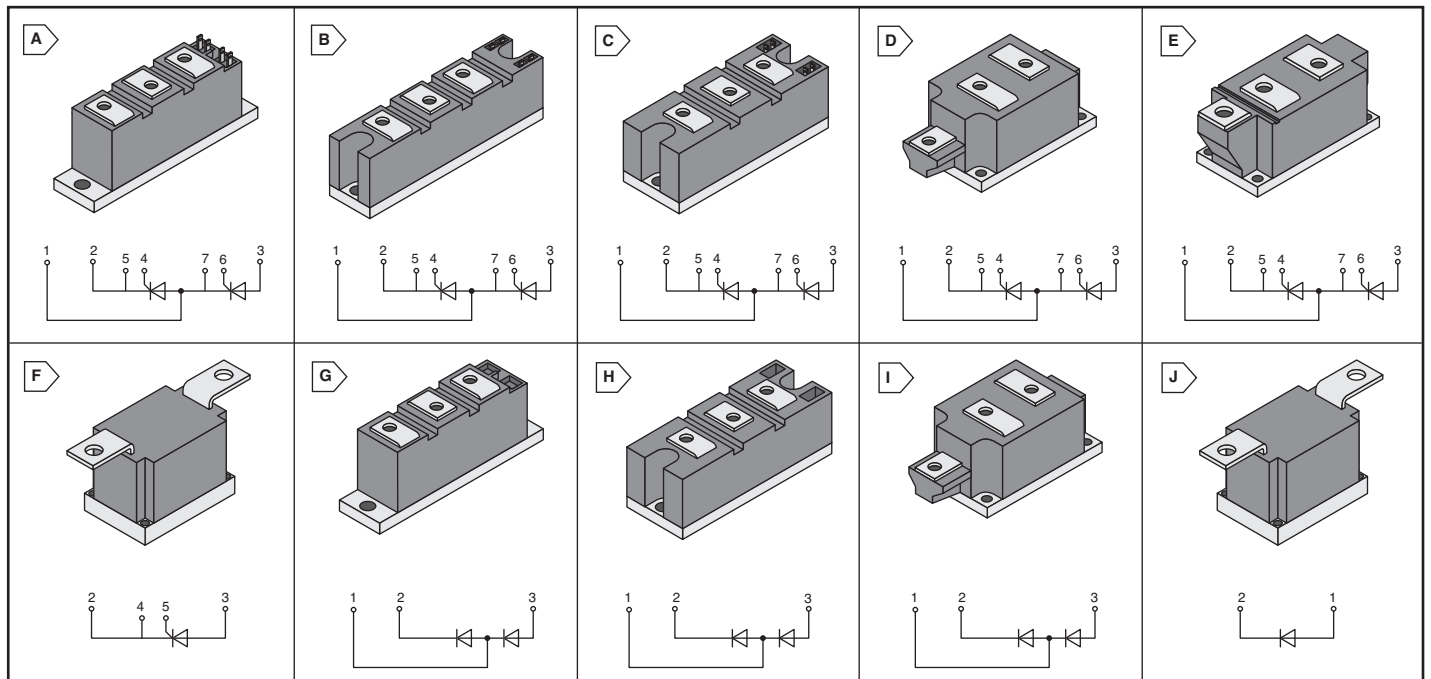
- Applications:**
- All Purpose Rectifier Diode
  - Free-wheeling Diodes
  - Industrial High Power Drives, and Medium Traction Applications



Diode

For quantities of 20 and up, call for quote.

MOUSER STOCK NO.	Eupec Part No.	Dia. (mm)	Height (mm)	Description	Voltage (V) (max)	Current (A) (max)	Wattage (W) (max)	Temp. (°C) (max)	Price Each		
									1	5	10
641-T218N16TOF	T218N16TOF	23	14	Thyristors	1600	400	218	125	81.18	73.07	64.95
641-T358N16TOF	T358N16TOF	23	14	Thyristors	1600	700	358	125	103.32	92.99	82.66
641-T588N16TOF	T588N16TOF	30	14	Thyristors	1600	1250	588	125	137.76	123.98	110.21
641-T879N16TOF	T879N16TOF	36	26	Thyristors	1600	1750	879	125	238.62	214.76	190.90
641-T1189N16TOF	T1189N16TOF	48	26	Thyristors	1600	2800	1189	125	397.30	357.57	317.84
641-T1189N18TOF	T1189N18TOF	48	26	Thyristors	1800	2800	1189	125	375.29	375.29	333.59
641-D428N18TOF	D428N18TOF	23	14	Diodes	1800	840	430	180	83.60	74.80	72.60
641-D798N16TOF	D798N16TOF	30	14	Diodes	1800	1650	800	180	103.33	93.39	90.86
641-D2209N22T	D2209N22T	36	26	Diodes	1200	4900	2200	180	311.20	280.08	259.21



## EUPEC HIGH POWER THYRISTOR AND DIODE PACKS

### Thyristors

- Features:**
- Reverse Voltage up to 1500 Volts
  - Isolated Aluminum Baseplate

- Applications:**
- Soft Start for Induction Motors
  - Input Rectifier for Inverter Drives
  - Field Supply for DC Motors

### Diodes

- Features:**
- Reverse Voltage up to 1500 Volts
  - Isolated Aluminum Baseplate

- Applications:**
- Soft Start for Induction Motors
  - Input Rectifier for Inverter Drives
  - Field Supply for DC Motors

For quantities of 20 and up, call for quote.

MOUSER STOCK NO.	Eupec Part No.	Fig.	Package	Description	Voltage (V) (max)	Current (A) (RMS)	Current (A) (avg)	Temp. (°C) (max)	Price Each	
									1	5
641-TT92N14KOF	TT92N14KOF	A	TP20 (20mm)	Thyristor (SCR) Modules	1400	160	92 @ 85°C	125	76.26	68.63
641-TT92N16KOF	TT92N16KOF	A	TP20 (20mm)	Thyristor (SCR) Modules	1600	160	92 @ 85°C	130	79.96	71.96
641-TT106N16KOF	TT106N16KOF	B	TP25 (25mm)	Thyristor (SCR) Modules	1600	180	106 @ 85°C	140	204.18	183.76
641-TT142N16KOF	TT142N16KOF	C	TP34 (34mm)	Thyristor (SCR) Modules	1600	230	142 @ 85°C	125	115.62	104.06
641-TT162N16KOF	TT162N16KOF	C	TP34 (34mm)	Thyristor (SCR) Modules	1600	260	162 @ 85°C	125	134.08	120.67
641-TT250N12KOF	TT250N12KOF	D	TP50 (50mm)	Thyristor (SCR) Modules	1200	410	250 @ 85°C	125	191.88	172.69
641-TT250N16KOF	TT250N16KOF	D	TP50 (50mm)	Thyristor (SCR) Modules	1600	410	250 @ 85°C	125	211.56	190.40
641-TT251N18KOF	TT251N18KOF	D	TP50 (50mm)	Thyristor (SCR) Modules	1800	410	250 @ 85°C	125	224.24	198.00
641-TT500N16KOF	TT500N16KOF	E	TP60 (60mm)	Thyristor (SCR) Modules	1600	900	500 @ 85°C	125	421.90	379.71
641-TZ500N16KOF	TZ500N16KOF	D	TP50 (50mm)	Thyristor (SCR) Modules	1600	1050	500 @ 85°C	125	217.72	195.95
641-TZ800N16KOF	TZ800N16KOF	F	TP70 (70mm)	Thyristor (SCR) Modules	1600	1500	800 @ 85°C	125	563.34	507.01
641-DD104N16KOF	DD104N16KOF	G	DP20 (20mm)	Diode Modules	1600	160	104 @ 100°C	150	92.74	83.46
641-DD171N16KOF	DD171N16KOF	H	DP34 (34mm)	Diode Modules	1600	270	171 @ 100°C	150	152.90	138.60
641-DD350N16KOF	DD350N16KOF	I	DP50 (50mm)	Diode Modules	1600	550	350 @ 100°C	150	211.20	190.30
641-DZ1070N18KOF	DZ1070N18KOF	J	DP70 (70mm)	Diode Modules	1800	1700	1070 @ 100°C	150	421.30	380.60