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EUPEC Power Modules

HIGH POWER THYRISTORS AND DIODES

Thyristor

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

Diode

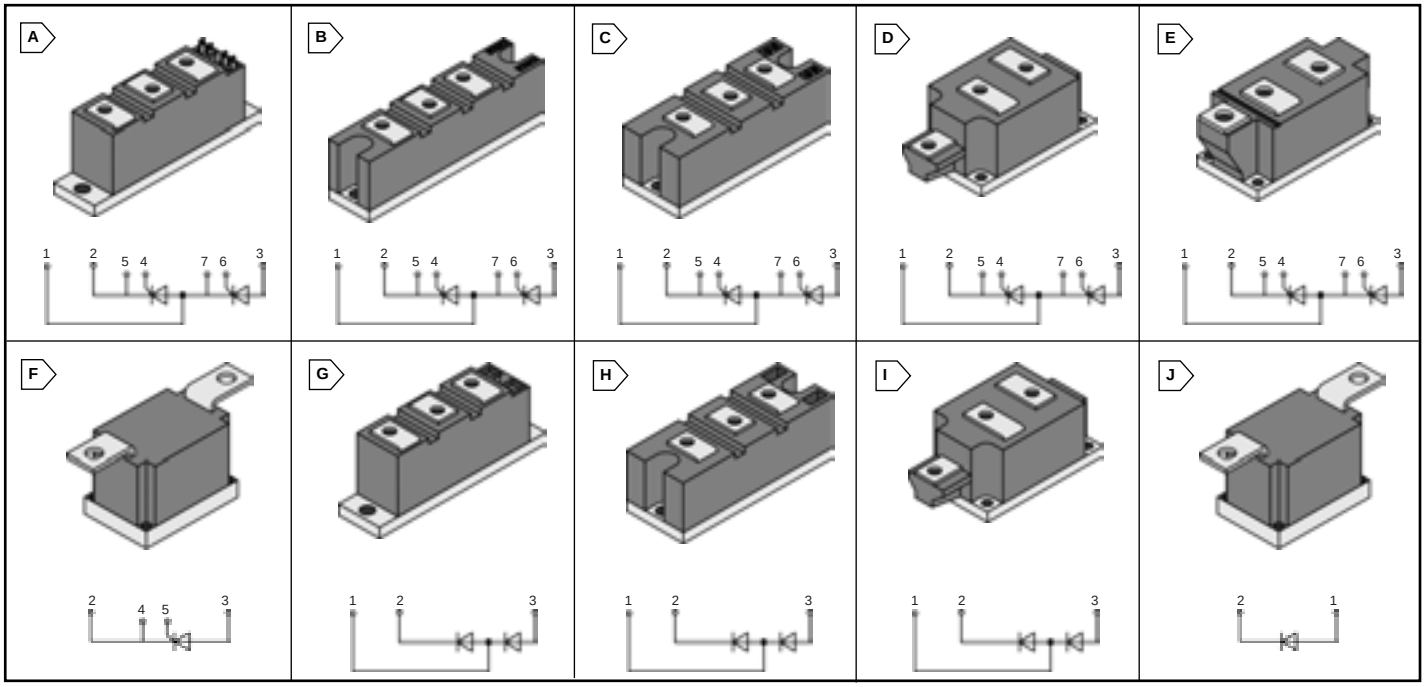
Features:
- Reverse Voltage up to 4900 Volts
- Metal Ceramic Package

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	**74.80**	**68.20**	**65.60**
641-T358N16TOF	T358N16TOF	23	14	Thyristors	1600	700	358	125	**91.30**	**82.50**	**80.40**
641-T588N16TOF	T588N16TOF	30	14	Thyristors	1600	1250	588	125	**115.50**	**104.50**	**100.80**
641-T879N16TOF	T879N16TOF	36	26	Thyristors	1600	1750	879	125	**231.00**	**209.00**	**203.80**
641-T1189N18TOF	T1189N18TOF	48	26	Thyristors	1800	2800	1189	125	**344.30**	**310.20**	**303.40**
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	**114.40**	**103.40**	**100.60**
641-D2209N22T	D2209N22T	36	26	Diodes	1200	4900	2200	180	**357.50**	**322.30**	**310.80**



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	10
641-TT92N16KOF	TT92N16KOF	A	TP20 (20mm)	Thyristor (SCR) Modules	1600	160	92 @ 85°C	130	**91.30**	**82.50**	**68.20**
641-TT106N16KOF	TT106N16KOF	B	TP25 (25mm)	Thyristor (SCR) Modules	1600	180	106 @ 85°C	140	**114.40**	**103.40**	**97.60**
641-TT162N16KOF	TT162N16KOF	C	TP34 (34mm)	Thyristor (SCR) Modules	1600	260	162 @ 85°C	125	**132.00**	**118.80**	**116.60**
641-TT250N16KOF	TT250N16KOF	D	TP50 (50mm)	Thyristor (SCR) Modules	1600	410	250 @ 85°C	125	**200.20**	**180.40**	**175.60**
641-TT500N16KOF	TT500N16KOF	E	TP60 (60mm)	Thyristor (SCR) Modules	1600	900	500 @ 85°C	125	**411.40**	**369.60**	**353.40**
641-TZ500N16KOF	TZ500N16KOF	D	TP50 (50mm)	Thyristor (SCR) Modules	1600	1050	500 @ 85°C	125	**213.40**	**191.40**	**185.00**
641-TZ800N16KOF	TZ800N16KOF	F	TP70 (70mm)	Thyristor (SCR) Modules	1600	1500	800 @ 85°C	125	**503.80**	**453.20**	**435.80**
641-DD104N16KOF	DD104N16KOF	G	DP20 (20mm)	Diode Modules	1600	160	104 @ 100°C	150	**83.60**	**74.80**	**72.00**
641-DD171N16KOF	DD171N16KOF	H	DP34 (34mm)	Diode Modules	1600	270	171 @ 100°C	150	**152.90**	**138.60**	**133.60**
641-DD350N16KOF	DD350N16KOF	I	DP50 (50mm)	Diode Modules	1600	550	350 @ 100°C	150	**211.20**	**190.30**	**185.60**
641-DZ1070N18KOF	DZ1070N18KOF	J	DP70 (70mm)	Diode Modules	1800	1700	1070 @ 100°C	150	**421.30**	**380.60**	**363.05**

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