

# Interface Modules

## Diode modules & component carriers



### INTERFACES

#### DM Diode Module 35 or 32 mm DIN Rail Mount

##### Technical Information

Diode	Rated Current
1N4007 or equivalent	1A
1N5408 or equivalent	3A
P600M or equivalent	6A

Maximum Blocking Voltage - 1000V DC  
 Rated Bus Current: 10A  
 (12A at 30°C (86°F) Temperature Rise)  
 Wire Range .....0.5-4 mm<sup>2</sup>; 22-12 AWG  
 Voltage .....250V AC  
 Torque .....0.5-4 Nm / 4 lbs-in.  
 Stripping Length ...8 mm



#### SCREW CLAMP \*

##### 1 AMP

Part Number	Type	Ordering Information	No. of Diodes	Diode	Module Length (L) in mm(in.)	Std. Pk.	Figure
8971.2	DM4-S	Series Connection, 1A diodes	4	1N4007	24 (0.95)	1	A
5702.2	DM8-S	Series Connection, 1A diodes	8	1N4007	44 (1.73)	1	A
5703.2	DM12-S	Series Connection, 1A diodes	12	1N4007	64 (2.52)	1	A
8973.2	DM16-S	Series Connection, 1A diodes	16	1N4007	92 (3.62)	1	A
8974.2	DM20-S	Series Connection, 1A diodes	20	1N4007	112 (4.41)	1	A
8975.2	DM24-S	Series Connection, 1A diodes	24	1N4007	132 (5.20)	1	A
8842.2	DM6-A-S	Bussed Anodes, 1A diodes	6	1N4007	30 (1.18)	1	B
5704.2	DM14-A-S	Bussed Anodes, 1A diodes	14	1N4007	50 (1.97)	1	B
5705.2	DM22-A-S	Bussed Anodes, 1A diodes	22	1N4007	70 (2.75)	1	B
8850.2	DM6-K-S	Bussed Cathodes, 1A diodes	6	1N4007	30 (1.18)	1	C
5706.2	DM14-K-S	Bussed Cathodes, 1A diodes	14	1N4007	50 (1.97)	1	C
5707.2	DM22-K-S	Bussed Cathodes, 1A diodes	22	1N4007	70 (2.75)	1	C



Figure A

##### 3 AMP

Part Number	Type	Ordering Information	No. of Diodes	Diode	Module Length (L) in mm(in.)	Std. Pk.	Figure
8971.3	DM4-S3	Series Connection, 3A diodes	4	1N5408	24 (0.95)	1	A
5702.3	DM8-S3	Series Connection, 3A diodes	8	1N5408	44 (1.73)	1	A
5703.3	DM12-S3	Series Connection, 3A diodes	12	1N5408	64 (2.52)	1	A
8973.3	DM16-S3	Series Connection, 3A diodes	16	1N5408	92 (3.62)	1	A
8974.3	DM20-S3	Series Connection, 3A diodes	20	1N5408	112 (4.41)	1	A
8975.3	DM24-S3	Series Connection, 3A diodes	24	1N5408	132 (5.20)	1	A
8842.3	DM6-A-S3	Bussed Anodes, 3A diodes	6	1N5408	30 (1.18)	1	B
5704.3	DM14-A-S3	Bussed Anodes, 3A diodes	14	1N5408	50 (1.97)	1	B
5705.3	DM22-A-S3	Bussed Anodes, 3A diodes	22	1N5408	70 (2.75)	1	B
8850.3	DM6-K-S3	Bussed Cathodes, 3A diodes	6	1N5408	30 (1.18)	1	C
5706.3	DM14-K-S3	Bussed Cathodes, 3A diodes	14	1N5408	50 (1.97)	1	C
5707.3	DM22-K-S3	Bussed Cathodes, 3A diodes	22	1N5408	70 (2.75)	1	C

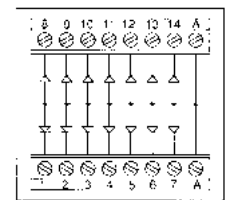


Figure B

##### 6 AMP

Part Number	Type	Ordering Information	No. of Diodes	Diode	Module Length (L) in mm(in.)	Std. Pk.	Figure
8971.4	DM4-S6	Series Connection, 6A diodes	4	P600M	24 (0.95)	1	A
5702.4	DM8-S6	Series Connection, 6A diodes	8	P600M	44 (1.73)	1	A
5703.4	DM12-S6	Series Connection, 6A diodes	12	P600M	64 (2.52)	1	A
8973.4	DM16-S6	Series Connection, 6A diodes	16	P600M	92 (3.62)	1	A
8974.4	DM20-S6	Series Connection, 6A diodes	20	P600M	112 (4.41)	1	A
8975.4	DM24-S6	Series Connection, 6A diodes	24	P600M	132 (5.20)	1	A
8842.4	DM6-A-S6	Bussed Anodes, 6A diodes	6	P600M	30 (1.18)	1	B
5704.4	DM14-A-S6	Bussed Anodes, 6A diodes	14	P600M	50 (1.97)	1	B
5705.4	DM22-A-S6	Bussed Anodes, 6A diodes	22	P600M	70 (2.75)	1	B
8850.4	DM6-K-S6	Bussed Cathodes, 6A diodes	6	P600M	30 (1.18)	1	C
5706.4	DM14-K-S6	Bussed Cathodes, 6A diodes	14	P600M	50 (1.97)	1	C
5707.4	DM22-K-S6	Bussed Cathodes, 6A diodes	22	P600M	70 (2.75)	1	C

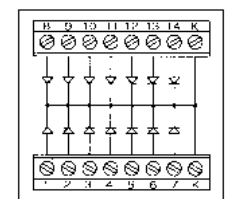


Figure C

\* Spring Terminal is available; add suffix S to end of part number. Example: Part Number 8971.2/S for Spring Terminal.