FBK Ribbon Cable

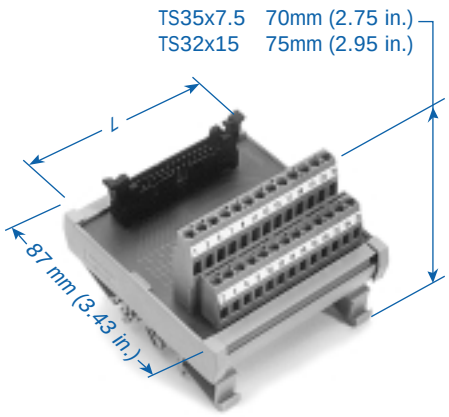
INTERFACES
CONNECTOR-TO-WIRE
Ribbon Cable Module
35 or 32mm DIN Rail

Compact Ribbon Connector Modules provide an interface between multi-wire flat cables outfitted with IDC connectors and discrete wires. Up to 64 conductors can be terminated saving time and eliminating wiring mistakes.

No special wiring or tools are required. Ribbon Cable Interface Modules are typically used in communications, data processing, process control and other industrial applications.

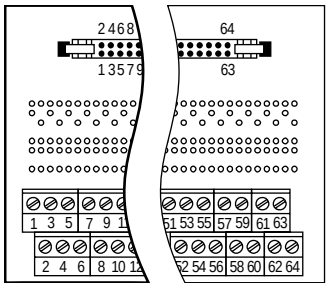
FBK Ribbon Cable Modules are supplied with short strain relief ejector latches (long ejector latches are available), screw-cage clamp terminal blocks and component solder pads for easy insertion of circuit building components. All terminal blocks are individually marked to correspond to the numbers on the header pins.

- Screw-Cage Clamp Connections
- Up to 64 Poles
- 4 to 5 Component Solder Pads Per Line
- .9mm (.035 in.) Component Mtg. Holes
- DIN Rail Mount, Panel Mount Available



Wire Range	Current	Voltage
0.5-4mm^2		
22-12 AWG	3A	250V AC

Ordering Information	No. of Poles	Type	Cat. No.	Module Length (L) mm (in.)	Std. Pk.
Ribbon Cable Module with Short Ejector Latches	10	FBK10	5720.2	47 (1.85)	1
	14	FBK14	5721.2	47 (1.85)	1
To order long ejector latches, specify Cat. No. with /L suffix. Example: Cat. No. 5727.2/L.	16	FBK16	5722.2	69 (2.72)	1
	20	FBK20	5723.2	69 (2.72)	1
	26	FBK26	5724.2	80 (3.15)	1
	34	FBK34	5725.2	103 (4.06)	1
	40	FBK40	5726.2	114 (4.49)	1
	50	FBK50	5727.2	148 (5.83)	1
	60	FBK60	5728.2	170 (6.68)	1
	64	FBK64	5729.2	170 (6.68)	1



Model FBK64

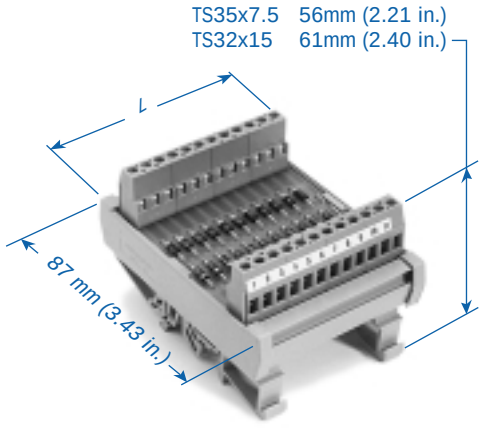
INTERFACES
Diode Module
35 or 32mm DIN Rail Mount

DM
Diode Module

Wire individually labeled diodes into existing circuits for freewheeling, DC inductive kick suppression (commutating), reverse DC polarity protection, etc. Use bussed diodes for distribution of logic Vcc or ground, or gather and decouple electrical signals for lamp testing or collective fault messages. Use as commutating diodes across inductive loads such as DC relays, solenoid valves, actuator magnets, etc. to suppress voltage surges.

Standard modules include series connection diode circuits in 1 Amp and 3 Amp versions, and diode gates with bussed anodes or cathodes.

- Screw-Cage Clamp Connections
- Special Configurations Available
- DIN Rail Mount, Panel Mount Available



Wire Range	Voltage
0.5-4mm^2	
22-12 AWG	250V

Ordering Information	No. of Diodes	Diode	Type	Cat. No.	Module Length (L) mm (in.)	Std. Pk.
Series Connection, 1A diodes	4	1N4007	DM4-S	8971.2	22 (.87)	1
Series Connection, 1A diodes	8	1N4007	DM8-S	5702.2	42 (1.65)	1
Series Connection, 1A diodes	12	1N4007	DM12-S	5703.2	62 (2.44)	1
Series Connection, 1A diodes	16	1N4007	DM16-S	8973.2	90 (3.54)	1
Series Connection, 1A diodes	20	1N4007	DM20-S	8974.2	110 (4.33)	1
Series Connection, 1A diodes	24	1N4007	DM24-S	8975.2	130 (5.12)	1
Series Connection, 3A diodes	4	1N5408	DM4-S3	8971.3	22 (.87)	1
Series Connection, 3A diodes	8	1N5408	DM8-S3	5702.3	42 (1.65)	1
Series Connection, 3A diodes	12	1N5408	DM12-S3	5703.3	62 (2.44)	1
Series Connection, 3A diodes	16	1N5408	DM16-S3	8973.3	90 (3.54)	1
Series Connection, 3A diodes	20	1N5408	DM20-S3	8974.3	110 (4.33)	1
Series Connection, 3A diodes	24	1N5408	DM24-S3	8975.3	130 (5.12)	1
Bussed Anodes, 1A diodes	6	1N4007	DM6-A-S	8842.2	22 (.87)	1
Bussed Anodes, 1A diodes	14	1N4007	DM14-A-S	5704.2	42 (1.65)	1
Bussed Anodes, 1A diodes	22	1N4007	DM22-A-S	5705.2	62 (2.44)	1
Bussed Cathodes, 1A diodes	6	1N4007	DM6-K-S	8850.2	22 (.87)	1
Bussed Cathodes, 1A diodes	14	1N4007	DM14-K-S	5706.2	42 (1.65)	1
Bussed Cathodes, 1A diodes	22	1N4007	DM22-K-S	5707.2	62 (2.44)	1

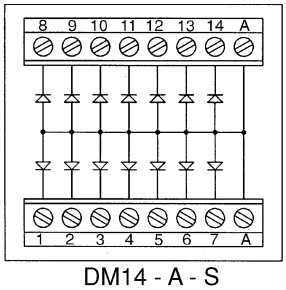
Specifications:

Diode: 1N4007 or equivalent
Rated Current: 1A

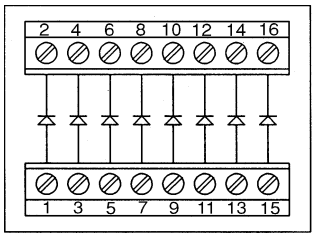
Diode: 1N5408 or equivalent
Rated Current: 3A

Maximum Blocking Voltage - 1000V DC

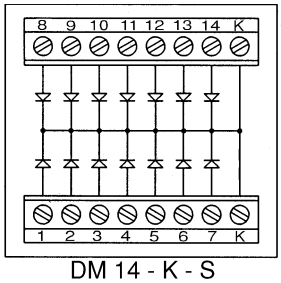
Rated Bus Current: 10A
(12A at 30˚C (86˚F) Temperature Rise)



DM14 - A - S



DM 8 - S



DM 14 - K - S