

# M-Jay Electronics Limited

## Data Sheet

### IDC Interface Modules

A range of DIN rail mounting modules to connect discrete wiring to a standard 0.127mm (0.050") pitch ribbon cable connector. Especially useful for the connection of low voltage logic and control equipment in control panels. The modules feature a quality IDC male connector and screw terminals connectors which will accept cables upto 4.0mm<sup>2</sup>.

Product code	Number of ways	Length (mm)	Weight (gram)	Farnell Product code
IFM IDC 10	10	42.5	72	343-1850
IFM IDC 14	14	42.5	80	343-1861
IFM IDC 16	16	54.0	97	343-1873
IFM IDC 20	20	54.0	113	343-1885
IFM IDC 24	24	65.0	124	371-4860
IFM IDC 26	26	76.0	132	343-1897
IFM IDC 30	30	87.0		371-4871
IFM IDC 34	34	99.0	170	343-1903
IFM IDC 40	40	110.0	188	343-1915
IFM IDC 50	50	132.0	226	343-1927
IFM IDC 60	60	166.5	275	370-2947
IFM IDC 64	64	179.0	290	343-1939

#### Electrical ratings

	IDC connector	Terminals	PCB
Voltage (max)	250 V AC	250 V AC	50 V DC
Current (max)	1 A	16 A	100 mA
Resistance	15 m Ohms		
Insulation resistance	10 <sup>9</sup> Ohms		

Please note that the limiting factor is the size of the PCB tracks and the distance between adjacent tracks exceeding the PCB rating will cause the tracks to fuse or to flash over between the tracks. The maximum rating of the terminals cannot be obtained without damage to the PCB

PCB Material	FR4	1.6mm	35μM
Housing	72 mm wide Standard DIN rail mounting		
Material	Self extinguishing polyamide 6.6 UL 94V-0		

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These modules can be purchased direct from our website

<http://www.interfacemodules.co.uk/>