

# M-Jay Electronics Limited

## Data Sheet

### DEE Interface Modules

A range of DIN rail mounting modules to connect discrete wiring to a standard DEE connector. Especially useful for the connection of low voltage logic and control equipment in control panels. The modules feature a quality DEE 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 DEE 9 M  | 9              | 56.5        | 58            | 370-2900             |
| IFM DEE 15 M | 15             | 56.5        | 72            | 370-2923             |
| IFM DEE 25 M | 25             | 79.0        | 144           | 343-1812             |
| IFM DEE 37 M | 37             | 112.5       | 192           | 343-1836             |
| IFM DEE 50 M | 50             | 124.0       | 240           | 370-2959             |
| IFM DEE 9 F  | 9              | 56.5        | 46            | 370-2911             |
| IFM DEE 15 F | 15             | 56.5        | 72            | 370-2955             |
| IFM DEE 25 F | 25             | 79.0        | 144           | 343-1824             |
| IFM DEE 37 F | 37             | 112.5       | 192           | 343-1848             |
| IFM DEE 50 F | 50             | 124.0       | 240           | 370-2960             |

#### Electrical ratings

|                       | DEE connector        | Terminals | PCB     |
|-----------------------|----------------------|-----------|---------|
| Voltage (max)         | 250 V AC             | 250 V AC  | 50 V DC |
| Current (max)         | 5 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 on the internet from

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

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