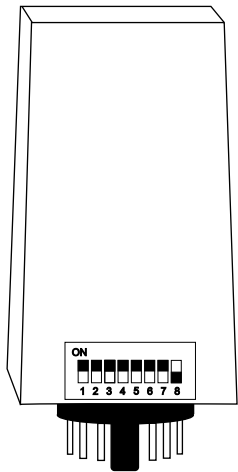


Drawing no	001-030	date	27-01-98
Project	MDM	drawn	NJA
Detail	Connection Details	scale	not to scale
		checked	CBA
		ref:	

REVISIONS				
REV	Description	By	Ckd	Date
A	Enclosure mods	NJA	CBA	10-04-00
B	MDM address information	NJA	CBA	04-04-01

STANDARD 4 WAY MDM and BASE



Positioning MDMs

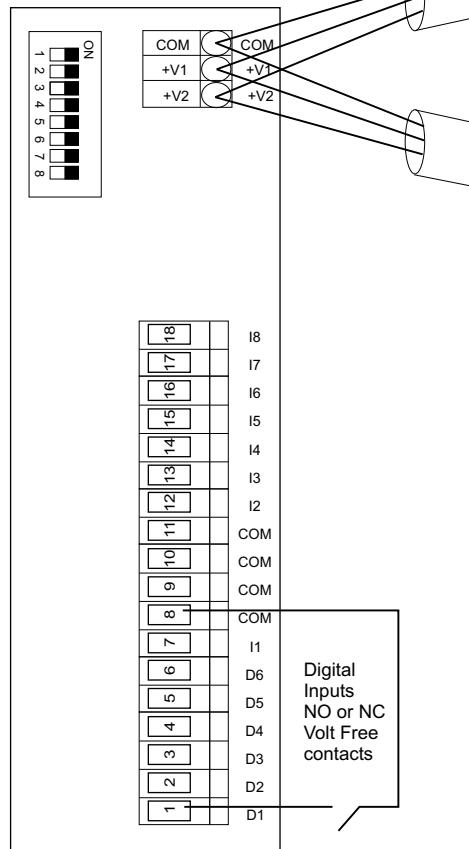
Although it is desirable to put MDM's on top of coldrooms and above evaporators, they should be positioned so that they are easily accessible for service and/or commissioning.

Please Note The Following:

Care should be taken when connecting the communications cable to the MDM interface because of the risk of damage through wrong connections. This also applies when amplifiers/boosters are installed in the system.

Please ensure that the MDM supply is switched off at both the main unit and any boosters fitted before undertaking any work on the MDM network.

14 WAY DIGITAL MDM



Cables X & Y have three cores:-

Cores A are the drain wires connected to common (8) and they are not sheathed.

Cores B have translucent white sheaths and they are connected to +V1 (5).

Cores C have black sheaths and they are connected to +V2 (4).

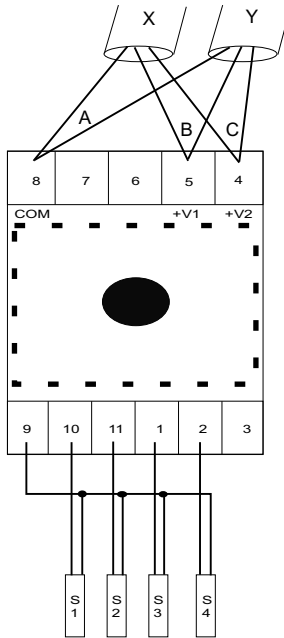
Connecting a voltmeter (DC) across connections:-

8 and 5 will give 27V to 29V
 8 and 4 will give 27V to 29V

Common connection (8) should not be grounded.

NOTE

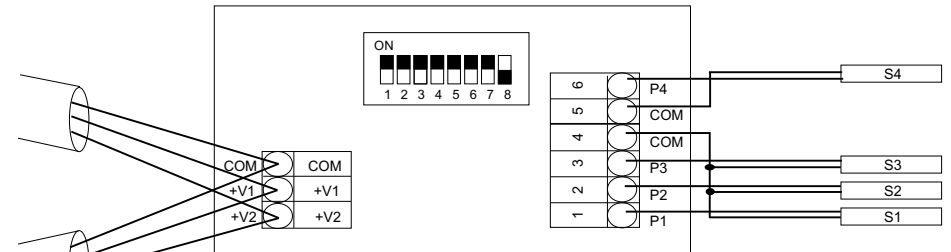
All +V1 network relay base connections must have all cores with black sheaths or all cores with white sheaths.



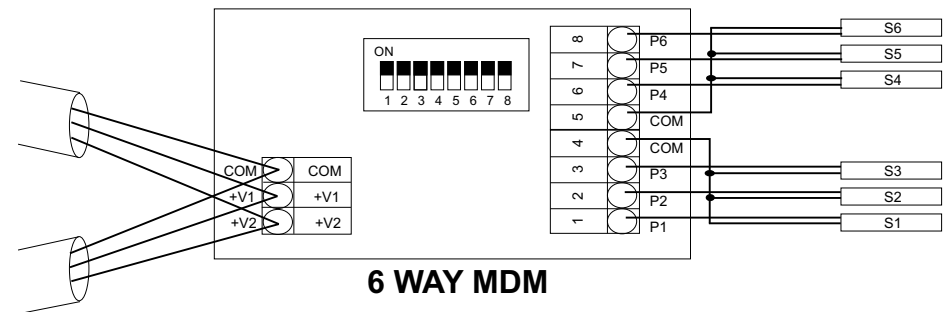
The MDM below has an address of 1, so the sensor S4 (below to the right) would have a full address of 1A4.

1 = MDM number
 A = Analogue sensor
 4 = Input number 4

4 WAY MDM



6 WAY MDM



NOTE

There are two slightly different versions of the 11-pin base. Both perform identical functions but have different connection positions.