CM710

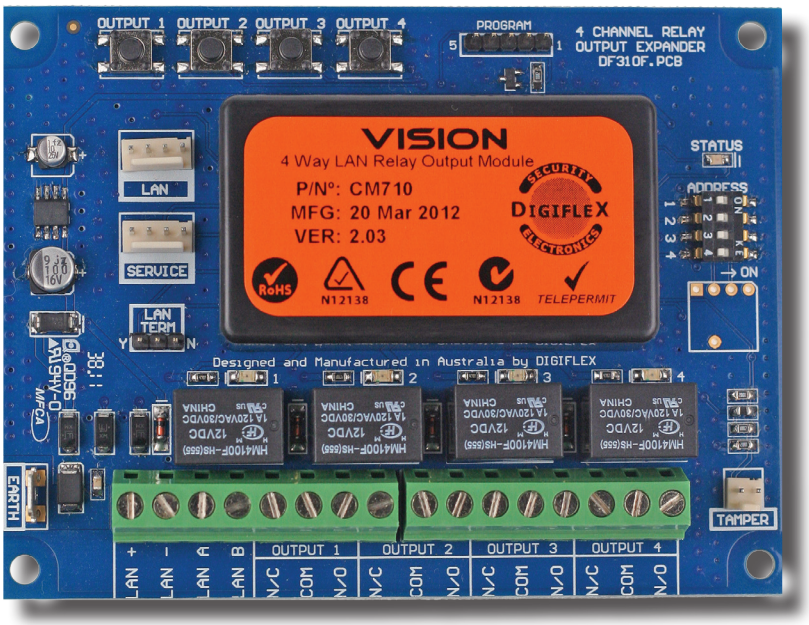
4 Way Relay Output Expander Module

The CM710 Relay Output Module can be added to the Vision-ICON, Vision-X or Vision-GRAPHIC control panels to increase the number of programmable outputs available on the system. Outputs can be used to operate LED Indicators, Garage Doors, Lighting, Sprinklers, Pumps, Air Conditioning, Door Strikes etc.

Each output includes Normally Open (NO), Normally Closed (NC) and Common (COM) terminals. The application example shows the module being used to control an LED indicator and two door strikes in an access control application.

The CM710 is LAN based, and can be remotely located from the main panel and connected via the 4 wire RS485 system LAN. A four way dip switch is used to select the output expander's LAN address.

A dedicated service keypad and tamper input are provided. If the tamper input is not required, you can fit the supplied shunt to the tamper input pins. To assist with installation, each output can also be operated at the module using the numbered test switches allowing the installer to easily test output wiring without needing to use a keypad. The module also includes indicators to show module and individual output status at all times.



CM710 Output Expander Compatibility	
Panel Supported	**Modules Supported**
Vision-ICON	1
Vision-X	8
Vision-GRAPHIC	16

Table 1: CM710 Compatibility

3 YEAR WARRANTY

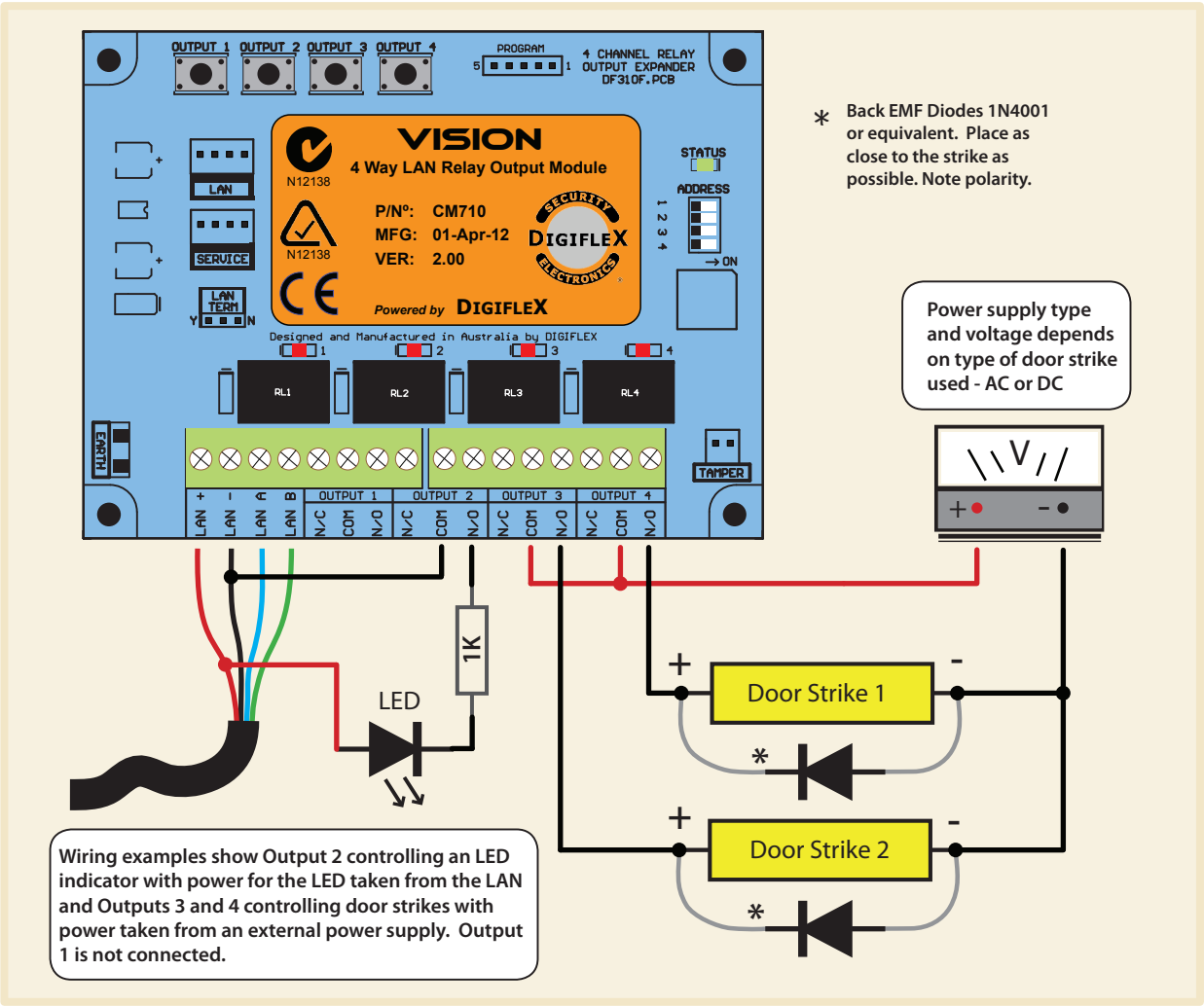
OUR VISION IS YOUR PEACE OF MIND

FEATURES

- 4 x Relay Outputs in Form C Configuration
- 2 Amp Contact Rating @ 24VDC
- 60+ Output Event Types Supported On Selected Panels
- 4 x Relay Status Indicators And Test Switches
- Programmable For Function And Operating Time
- Dedicated Tamper Input
- High Level Lightning Protection
- LAN Monitored For Anti Replay & Anti Substitution
- 1 x Enclosure Module Space
- 3 Year Factory Warranty

VISION
SECURITY CONTROLLER

TYPICAL APPLICATIONS



SPECIFICATIONS

N12138 N12138 TELEPERMIT CE RoHS

Part Number	CM710 - 4 Way LAN Relay Output Module (RS485 LAN)
Operating Voltage	10.0V DC. - 14.5V DC. @ 30mA Max (200mA All relays and LEDs Operated)
Module Connection (RS485 LAN)	Max total LAN length using multi strand security cable = 300m , Max total LAN length using 2 pair twisted shielded data cable (Belden 8723) = 1200m. See manual for complete wiring instructions.
Outputs	Output 1, 2Amp @ 24VDC, Form C - Output 2, 2Amp @ 24VDC, Form C Output 3, 2Amp @ 24VDC, Form C - Output 4, 2Amp @ 24VDC, Form C
Inputs	Cabinet Tamper, Output Test Switches
Fixing Method	The CM710 can be mounted in the MW700, MW710, MW720 or MW730 enclosures using clip in PCB mounts supplied.
Operating Environment	-30° to 55° C Operating (-22° to +185° F). Relative Humidity 5% to 85% at 30°C (86°F) non-condensing.
Warranty	3 years from date of manufacture (Back To Base)
Dimensions	115mm (W), 86mm (D), 30mm (H)
CM710IRG	Installation Reference Guide

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