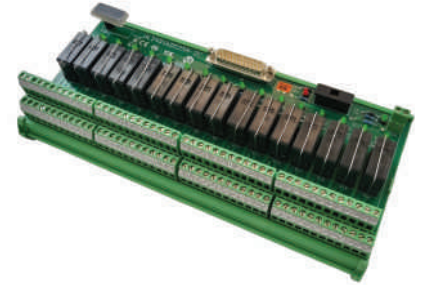
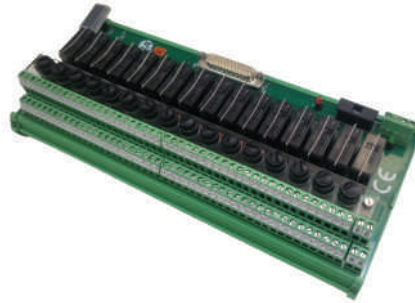


Modular Wiring Solutions

Digital Output Relay Interface Modules, 2 C/O Contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Reduces Installation & commissioning time.
- Provides ease trouble-shooting & maintenance.
- Compact in design.
- Universal Rail mounting.



Technical Data:

System Input Data

Input Signal Voltage	24VDC
Signal Mode	Non-Redundant or Redundant (user to specify)
Input Status LED/Channel Protection	Green LED Back emf
Signal Configuration	Sink/Source (User to specify)
Termination	25 Pin D-Sub Connector

Field Output Data

Output Signal Voltage	24VDC/110VAC/230VAC
Signal Configuration	Pot-free/Wetted (user to specify)
Contact Configuration	DPDT, 2 Changeover
Contact Current Rating	8 Amp.@ 250VAC/24VDC
Protection	Short Circuit
Fuse Type	Glass Fuse
Fuse Fail LED/Channel	Red LED

Field Side Termination

Terminal Type	Screw Terminal
Nominal Current /Sq.mm	24A/ 2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded	0.2-4/ 0.2-2.5/ 24-12
[mm ² / mm ²] AWG	
Insulation material	PA/I
Tightening torque	0.6 Nm Max.

Field Side Power Supply

Aux Voltage	24VDC/110VAC/230VAC
Power ON Status	Green LED

System Side Power Supply

Aux Voltage	24VDC
Power ON Status	Green LED

System Side Termination

Terminal Type	D-Sub Connector
Contact Material	Copper Alloy
Operating Current	5 A per contact
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 5000 MΩ
Maximum Voltage	1000 Vrms

Relay Data

Relay Make	Omron, G2RL Series or Equivalent
Contact Type	DPDT, 2 Changeover
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Ambient temperature	-45 to +120°C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221,2222 & MIL 275B

Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable

Selection Matrix for 2C/O Digital Output Relay Interface Module (Non-redundant)

Channel Density	16						
Protection	Contact Fuse	-	-	-	√	√	√
	Fuse, LED	-	-	-	√	√	-
Pot-free Contacts	1 st C/O	√	-	√	√	-	√
	2 nd C/O	√	-	-	√	-	-
Wetted Contacts	1 st C/O	-	√	-	-	√	-
	2 nd C/O	-	√	√	-	√	√
Current Consumption	410mA	410mA	410mA	410mA	410mA	410mA	410mA
Dimensions in mm (L X W)	257 X 126	267 X 126	268 X126	372 X 126	442 X 126	396 X 126	
Part No.	UL24D16DO25M-2C-0B	UL24D16DO-WT-2C-D25	UL24D16DOPSRRED-1W1CO-2C-D25	UL24D16DO-OFFI-2C-D25	UL24D16DO2WFI-2C-D25-24VDC	UL24D16D01WFI1COF-D25	
Ordering Code	085030300031	085030300021	085040300008	085030300032	085030300099	085030300063	

Selection Matrix For 2C/O Digital Output Relay Interface Module (Redundant)

Channel Density	16						
Protection	Contact Fuse	-	-	-	√	√	√
	Fuse, LED	-	-	-	-	√	√
Pot-free Contacts	1 st C/O	√	-	√	-	√	√
	2 nd C/O	√	-	-	-	√	-
Wetted Contacts	1 st C/O	-	√	√	√	-	√
	2 nd C/O	-	√	-	√	-	-
Current Consumption	410mA	410mA	410mA	410mA	410mA	410mA	410mA
Dimensions in mm (L X W)	267 X 126	302 X 126	265 X 126	408 X 126	454 X 126	302X126	
Part No.	UL16REDDO-2C-D25-PSRED	UL24D16DORED-WT-2C-D25	UL24D16DORED-1W1CO-2C-D25	UL24D16DO-RED-2WF-2C-D25	UL24D16DO-RED-2PFI-2C-D25	UL24D16DO-RED-1WF1CO-D25-2C-SK-SC	
Ordering Code	085040300028	085040300025	085040300017	085040300026	085040300004	085030300075	

Note: Digital Output Relay Interface modules are available in wide permutations & combinations.

- Other combination if any can be available on request.
- Pot free Relay Contact Fuse Rating will be 5A & Wet Contact fuse rating will be 2A or please specify.