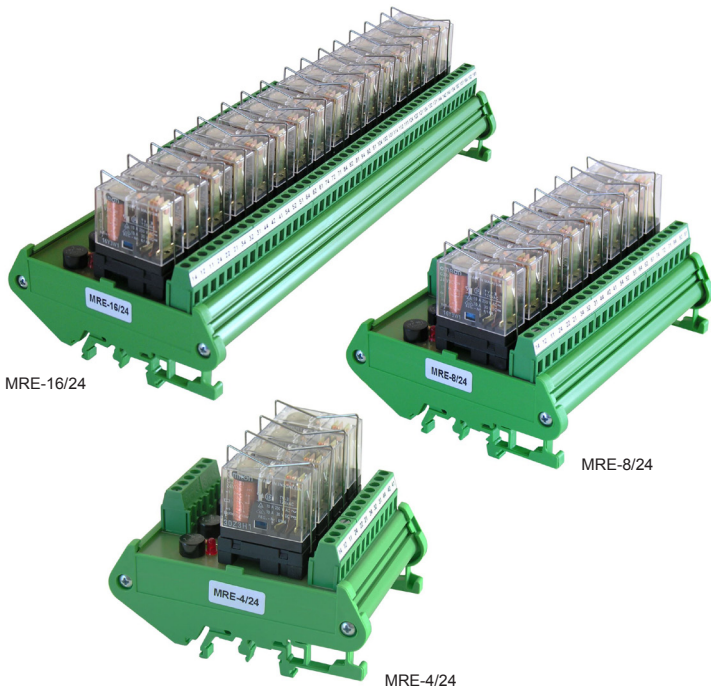


OVERDIGIT

relay interface modules

MRE-xx/24

- ☑ Interface module with relay on socket
- ☑ High current relay: 10A/250Vac - 10A/30Vdc
- ☑ Maximum operative voltage: 380Vac - 125Vdc
- ☑ Maximum switching power: 2500VA
- ☑ Coils nominal voltage: 24Vdc
- ☑ Universal (PNP / NPN) coils polarity
- ☑ LEDs for visual signalling of relay status
- ☑ Screw terminals for wires up to 2.5 mm²
- ☑ Plastic support with DIN rail mounting



Interface modules with high current relay on socket

Relay modules for the interfacing of PLC and control systems that are equipped with low current static outputs.

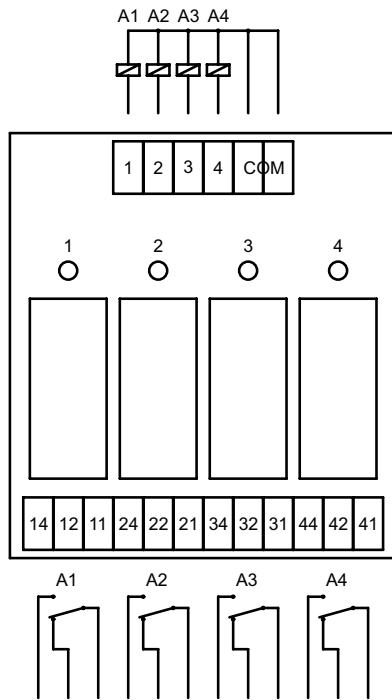
An ideal interface also for OVERDIGIT digital output modules of the EX series in case of necessity of free changeover contacts and switching of high loads also on line voltage.

The PNP and NPN universal driving logic allows adaptation to all types of PLC outputs.

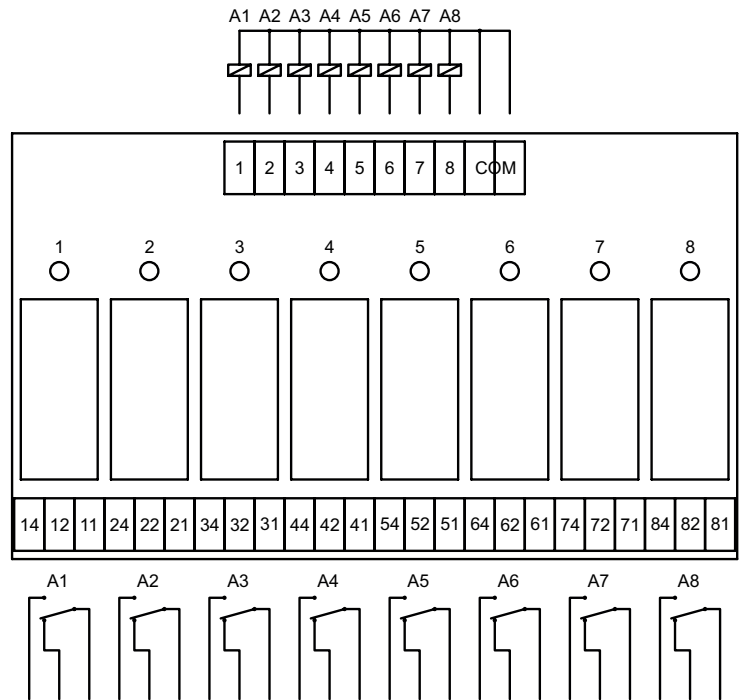
The relays are equipped with LEDs signalling the state for an immediate diagnosis of the system and with sockets with retaining spring for a simple and quick replacement.

SPECIFICATIONS	MRE-4/24	MRE-8/24	MRE-16/24
Number of relays	4	8	16
Coils			
Nominal voltage	24Vdc		
Operative voltage	18Vdc (activation) / 8Vdc (release)		
Driving polarity	PNP / NPN		
Current consumption	27mA (each relay)		
Contacts			
Max current (cosφ = 1)	10A @ 250Vac, 10A @ 30Vdc		
Max current (cosφ = 0.4)	7.5A @ 250Vac, 5A @ 30Vdc		
Max voltage	380Vac, 125Vdc		
Max switching (cosφ = 1)	2500VA @ 250Vac, 300W @ 30Vdc		
Max switching (cosφ = 0.4)	1875VA @ 250Vac, 150W @ 30Vdc		
Min load	100mA @ 5Vdc, 1mA @ 5Vdc		
Resistance	30mΩ max		
Activation time	15ms max		
Release time	20ms max		
Mechanical life	20 x 10 ⁶ min		
Electrical life	10 ⁵ min		
General			
Dielectric strength	5000Vac (coil / contact)		
Connections	Screw terminals for 28÷12AWG / 2.5mm ² cables		
Operative temp.	-40°C to 70°C		
Support	PVC with Nylon clips for 35mm DIN rail (self-extinguishing V0)		
Max dimensions	75 x 68 x 93 mm (H x W x D)	75 x 125 x 93 mm (H x W x D)	75 x 246 x 93 mm (H x W x D)

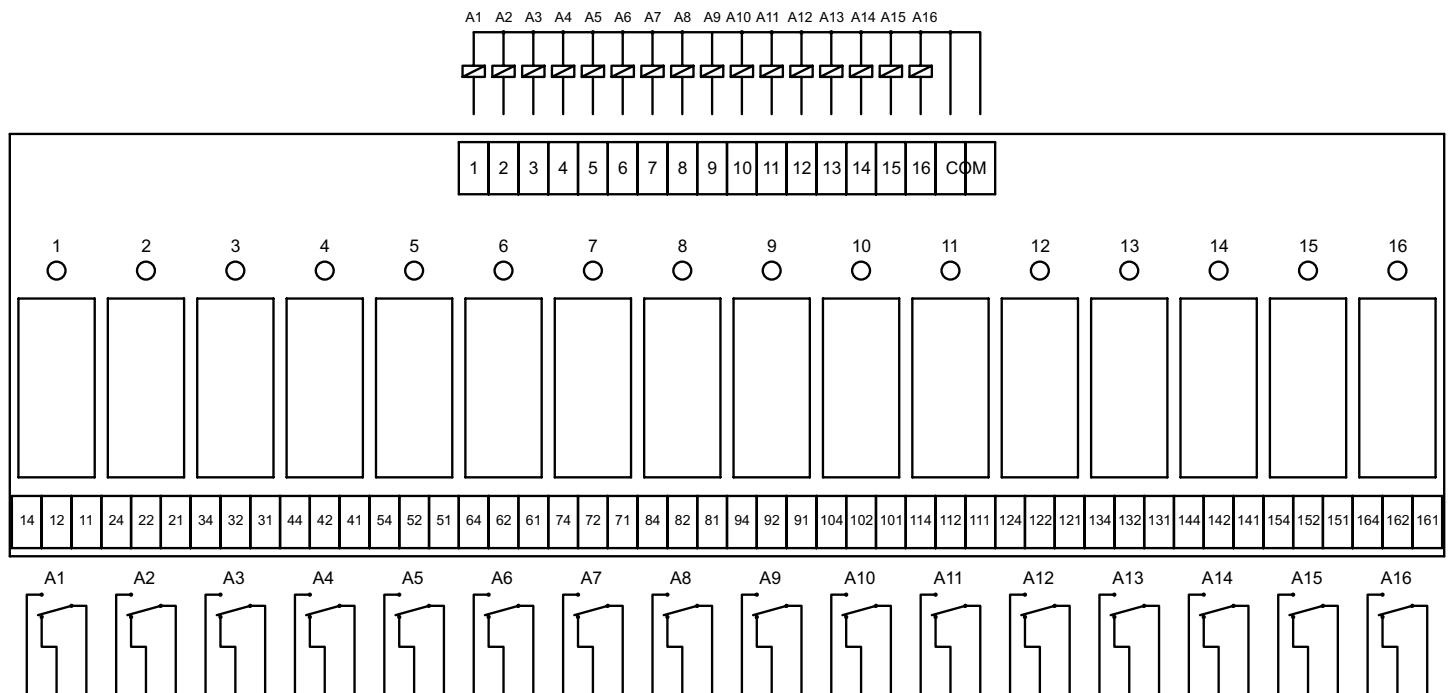
MRE-4 connections



MRE-8 connections



MRE-16 connections



Order codes

MRE-4/24	Interface with 4 x 10A relays - 24V PNP/NPN coils
MRE-8/24	Interface with 8 x 10A relays - 24V PNP/NPN coils
MRE-16/24	Interface with 16 x 10A relays - 24V PNP/NPN coils

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