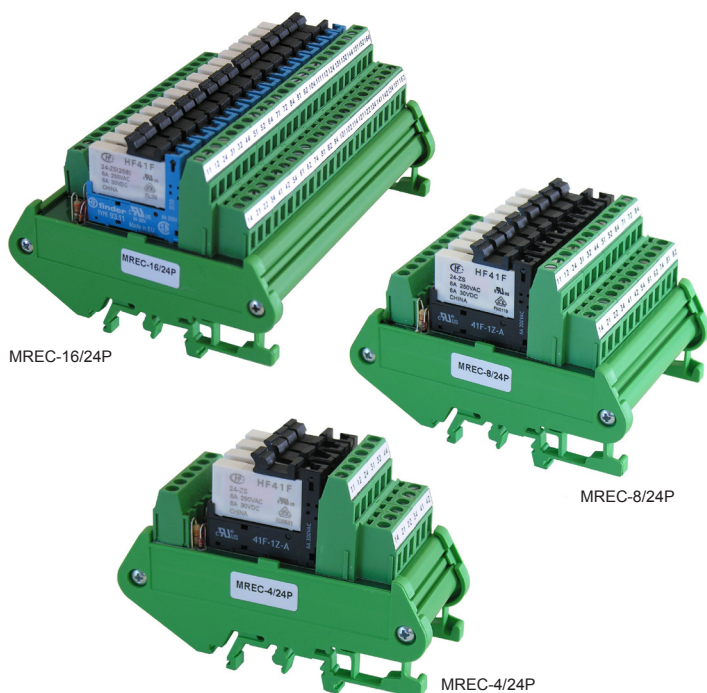


OVERDIGIT

relay interface modules

MREC-xx/24P

- ✓ Compact interface module with relay on socket
- ✓ High current relay: 6A/250Vac - 6A/30Vdc
- ✓ Maximum operative voltage: 400Vac - 125Vdc
- ✓ Maximum switching power: 1500VA
- ✓ Coils nominal voltage: 24Vdc
- ✓ PNP coils polarity
- ✓ LEDs for visual signalling of relay status
- ✓ Screw terminals for wires up to 2.5 mm²
- ✓ Plastic support with DIN rail mounting



Compact interface modules with relay on socket

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

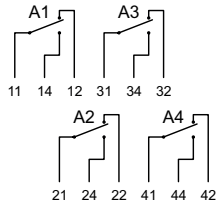
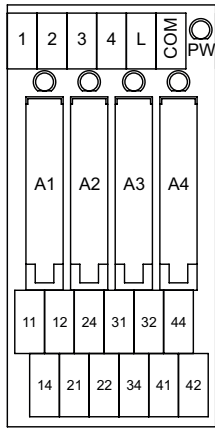
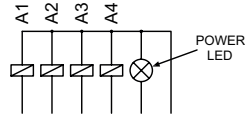
An ideal interface also for OVERDIGIT digital output modules of the EX series in case of necessity of free changeover contacts and switching of high loads also on line voltage.

The PNP driving logic allows adaptation to the most widely types of PLC outputs.

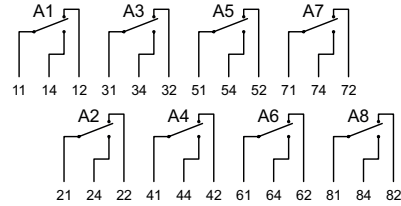
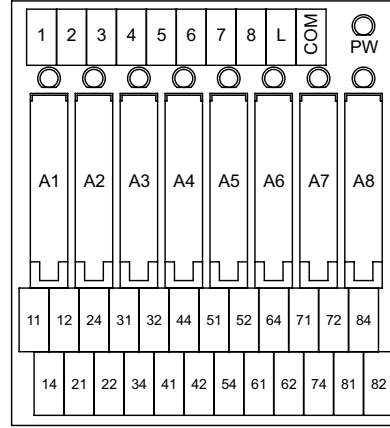
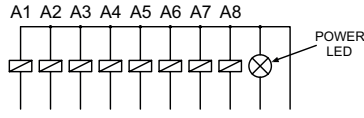
The relays are equipped with LEDs signalling the state for an immediate diagnosis of the system and with sockets with retaining spring for a simple and quick replacement.

SPECIFICATIONS	MREC-4/24P	MREC-8/24P	MREC-16/24P
Number of relays	4	8	16
Coils			
Nominal voltage	24Vdc		
Operative voltage	18Vdc (activation) / 7Vdc (release)		
Driving polarity	PNP		
Current consumption	14mA (each relay)		
Contacts			
Max current (cosφ = 1)	6A @ 250Vac, 6A @ 30Vdc		
Max voltage	400Vac, 125Vdc		
Max switching (cosφ = 1)	1500VA @ 250Vac, 180W @ 30Vdc		
Min load	10mA @ 12Vdc		
Resistance	100mΩ max		
Activation time	8ms max		
Release time	4ms max		
Mechanical life	10 ⁷ min		
Electrical life	3 x 10 ⁴ min		
General			
Dielectric strength	4000Vac (coil / contact)		
Connections	Screw terminals for 28÷12AWG / 2.5mm ² cables		
Operative temp.	-40°C to 85°C		
Support	PVC with Nylon clips for 35mm DIN rail (self-extinguishing V0)		
Max dimensions	65 x 39 x 93 mm (H x W x D)	65 x 68 x 93 mm (H x W x D)	65 x 130 x 93 mm (H x W x D)

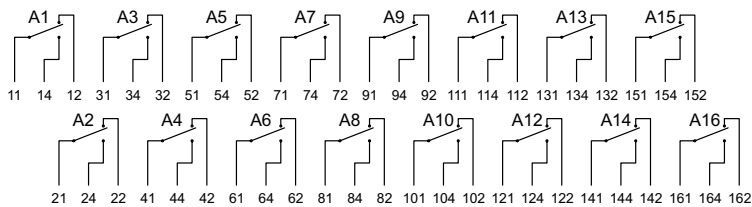
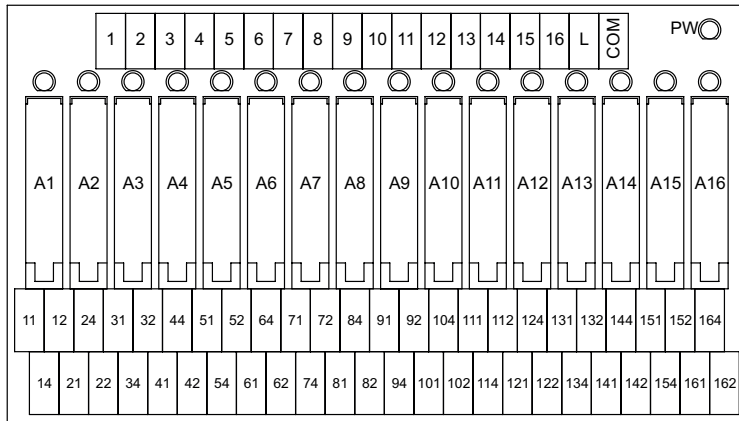
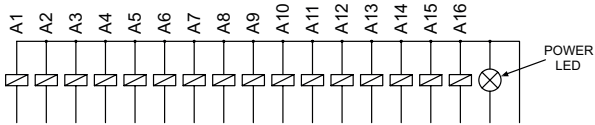
MREC-4 connections



MREC-8 connections



MREC-16 connections



Order codes

MREC-4/24P	Interface with 4 x 6A relays - 24V PNP coils
MREC-8/24P	Interface with 8 x 6A relays - 24V PNP coils
MREC-16/24P	Interface with 16 x 6A relays - 24V PNP coils

Rev. 14/11/2016