



DIGITAL OUTPUTS COMBINED

OMC 8100 - 9DOC is a fast 9-channel digital input with open collectors.

OMC 8000 - 8DI.10DOOC is a fast 10-channel digital output with open collectors plus 8 universal digital inputs.

OMC 8000 - 8DI.10DOOCR is a 10-channel digital output with 5 open collectors and 5 relays plus 8 universal digital inputs.

OMC 8000 - 8DI.10DOR is a 10-channel digital relay output plus 8 universal digital inputs.

EXPANSION MODULES

OMC 8100 - 9DOC

OMC 8000 - 8DI.10DOOC

OMC 8000 - 8DI.10DOOCR

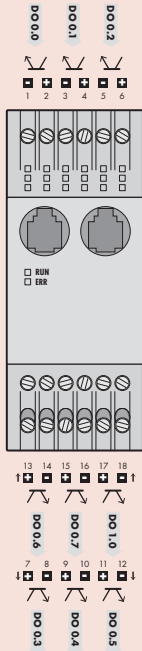
OMC 8000 - 8DI.10DOR

- 8x DIGITAL INPUTS
- 9x/10x DIGITAL OUTPUTS
- LED SIGNALISATION OF INPUT AND OUTPUT STATE
- POWER SUPPLY VIA LINE (8100)
- POWER SUPPLY 24 V AC/DC OR 80...230 V AC/DC (8000)

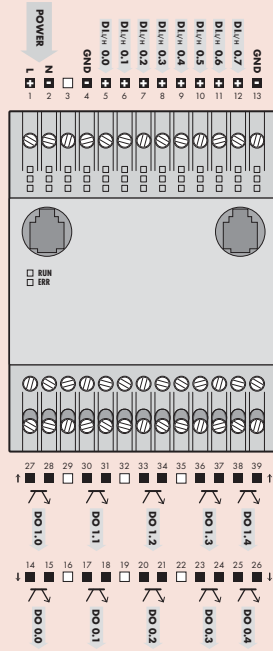
	OMC 8100 - 9DOC	OMC 8000 - 8DI.10DOOC	OMC 8000 - 8DI.10DOOCR	OMC 8000 - 8DI.10DOR
OUTPUTS				
Number	9	10	5+5	10
Type	transistor (OC)	transistor (OC)	transistor (OC) + relays	relays
Function	ON/OFF, PWM (100 kHz)	ON/OFF, PWM (100 kHz)	ON/OFF, PWM (100 kHz)	ON/OFF
Maximum switchable current	300 mA	300 mA	300 mA • 10 A	10 A
Maximum switchable voltage	30 V	30 V	30 V • 250 VAC/24 VDC	250 VAC/24 VDC
Maximum switchable power	9 W	9 W	9 W • 2500 VA/240W	2500 VA/240W
Response time	< 0,15 ms	< 0,15 ms	< 0,15 ms • 8 ms	8 ms
LED signalisation of output state	yes	yes	yes	yes
INPUTS				
Number of inputs	–	8	8	8
Measuring range		12...250 V AC/DC	12...250 V AC/DC	12...250 V AC/DC
Max. proud		2,5 mA	2,5 mA	2,5 mA
Response time		20 ms	20 ms	20 ms
LED signalisation of input state		yes	yes	yes
SPECIFICATIONS				
Module width	36 mm	72 mm	72 mm	72 mm
Maximum consumption	150 mA	5 VA	5 VA	5 VA
Power supply	Powered by the Bus	24 V AC/DC 80...250 V AC/DC	24 V AC/DC 80...250 V AC/DC	24 V AC/DC 80...250 V AC/DC
Working temperature	-20°...60°C			
Cover	IP 40			
Dielectric strength	2,5 kVAC for the duration of 1 minute between supply and output			
Insulation resistance	for pollution degree II, measuring cat. III., 300 V (ZI), 150 (DI)			
Electric safety	EN 61010-1, A2			
EMC	EN 61326-1			

CONNECTION

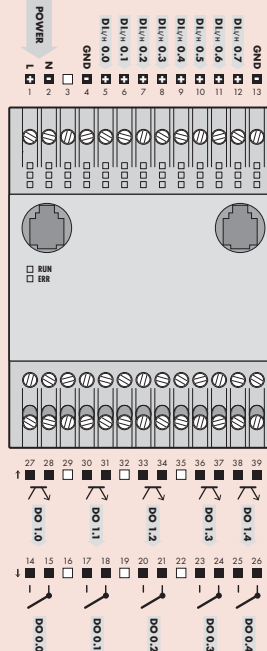
OMC 8100 - 9DOC



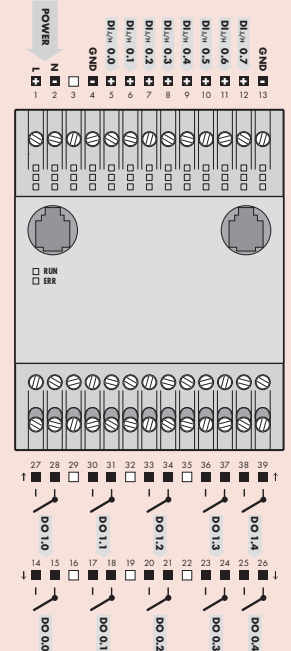
OMC 8000 - 8DI.10DOC



OMC 8000 - 8DI.10DOCR



OMC 8000 - 8DI.10DOR



ORDER CODE

OMC 8100 - 9DOC

OMC 8000 - 8DI.10DOC

Power supply	24 V AC/DC, isolated	0
	80...250 V AC/DC, isolated	1

OMC 8000 - 8DI.10DOCR

Power supply	24 V AC/DC, isolated	0
	80...250 V AC/DC, isolated	1

OMC 8000 - 8DI.10DOR

Power supply	24 V AC/DC, isolated	0
	80...250 V AC/DC, isolated	1