



DIGITAL OUTPUTS COMBINED

OMC 8100 - 9DOOC 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.



- 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)

EXPANSION MODULES

OMC 8100 - 9DOOC

OMC 8000 - 8DI.10DOOC

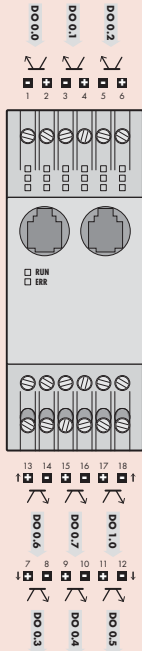
OMC 8000 - 8DI.10DOOCR

OMC 8000 - 8DI.10DOR

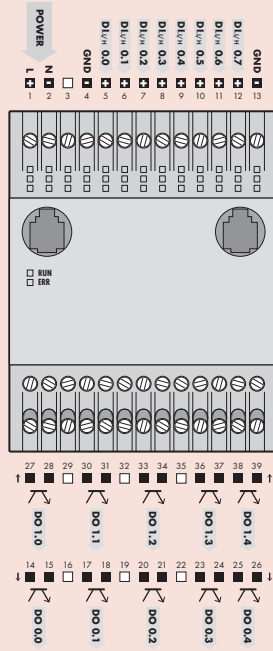
	OMC 8100 - 9DOOC	OMC 8000 - 8DI.10DOOC	OMC 8000 - 8DI.10DOOCR	OMC 8000 - 8DI.10DOR
OUTPUTS				
Number	9	10	5+5	10
Type	transistor (OC)	transistor (OC)	transistor (OC) + relays	relays
Function	ON/OFF, PWM (100 kHz)	ON/OFF, PWM (100 kHz)	ON/OFF, PWM (100 kHz)	ON/OFF
Maximum switchable current	300 mA	300 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

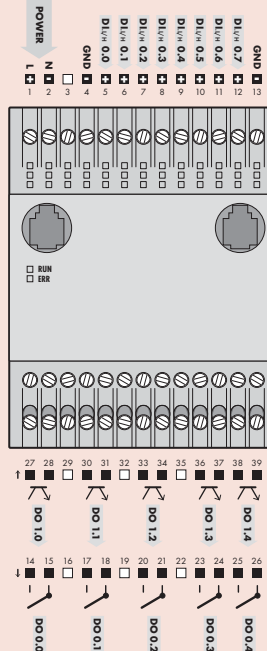
OMC 8100 - 9DOC



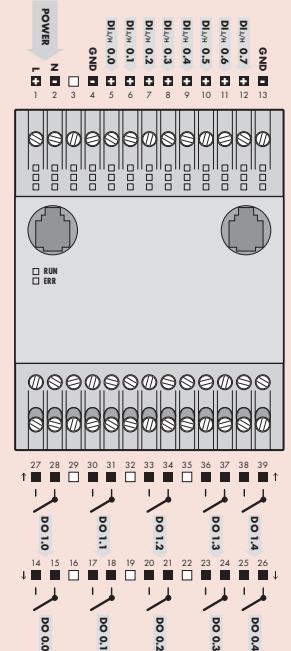
OMC 8000 - 8DI.10DOC



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