

DIGITAL I/O

- DIGITAL ACQUISITION MODULES
- UP TO 32 INPUTS AND 32 OUTPUTS
- RS485



FEATURES

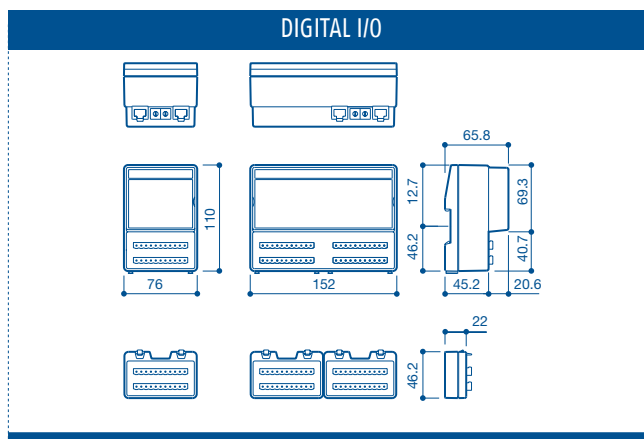
INPUTS	DI-16LV	DI-16HV	DI-32LV	DO-16TS	DO-16TP	DO-32TS
Number of inputs	16		32	--		
Type of inputs	24 Vdc	115 Vac	24 Vdc			
OUTPUTS						
Number of outputs	--			16		32
Voltage				24 Vdc		
Current				500 mA	2 A	500 mA
FUNCTIONAL						
Modbus protocol	Available	--		Available	--	
CANOpen protocol	Available					
Serial communication	RS 485, with dual connector RJ45					
Isolation class	800 V	2500 V	800 V			
GENERAL						
Power supply	24Vdc (-15...+25%) (50/60Hz)					
Power consumption	4 VA max.					
Dimensions	76 x 110 mm, depth 66 mm		152 x 110 mm, depth 66 mm	76 x 110 mm, depth 66 mm		152 x 110 mm, depth 66 mm
Weight	220 g		360 g	220 g		360 g
Mounting	On OMEGA DIN A rail					
Connections	2 terminal blocks with 11 poles 5.0mm, with screws or CLAMP terminals		4 terminal blocks with 11 poles 5.0mm, with screws or CLAMP terminals	2 terminal blocks with 11 poles 5.0mm, with screws or CLAMP terminals		4 terminal blocks with 11 poles 5.0mm, with screws or CLAMP terminals
Protection degree	IP20					
Operating / storage temperature	0... 55°C / -20... 85°C (32... 131°F / -4... 185°F)					
Operating humidity	5... 95% RH% without condensation					
Conformity	EN 50081-2, EN 50082-2, EN 61010					

Note: through modules DX and DY, these instruments can be interfaced on Profibus, CANOpen and DeviceNet nets.

HOW TO ORDER

CODE	PROTOCOL	DESCRIPTION	CHANNELS	
			I	O
DIGITAL INPUTS				
I0-CBDI16LV	CANOpen	24 Vdc PNP	16	
I0-MBDI16LV	Modbus	24 Vdc PNP	16	
I0-CBDI16HV	CANOpen	24 Vdc PNP	16	
I0-CBDI32LV	CANOpen	24 Vdc PNP	32	
DIGITAL OUTPUTS				
I0-CBD016TS	CANOpen	24 Vdc 0.5 A		16
I0-MBD016TS	Modbus	24 Vdc 0.5 A		16
I0-CBD016TP	CANOpen	24 Vdc 2 A		16
I0-CBD032TS	CANOpen	24 Vdc 0.5 A		32

DIMENSIONS



ACCESSORIES

CABLES	
APS2 LOCALBUS76	CABLE WITH CONNECTOR RJ45 L=14 CM FOR RS485
APS2 LOCALBUS152	CABLE WITH CONNECTOR RJ45 L=22 CM FOR RS485
APS2 LOCALBUS500	CABLE WITH CONNECTOR RJ45 L=50 CM FOR RS485
POWER ADAPTORS	
APS2 ALDR75-24	POWER ADAPTOR 3.2 A
APS2 ALDR12024	POWER ADAPTOR 5 A
PLUGS	
APS2 SPINAM11	PLUG WITH 11 POLE CLAMP TERMINALS
APS2 SPINAV11	PLUG WITH 11 POLE SCREW TERMINALS
TERMINALS AND CONNECTORS	
APS2 TB2111	TERMINAL BLOCK
APS2 TERMCAN	CONNECTOR RJ45 WITH CAN TERMINAL

DIGITAL I/O

- DIGITAL ACQUISITION MODULES
- UP TO 16 INPUTS AND 16 OUTPUTS
- RS485



FEATURES

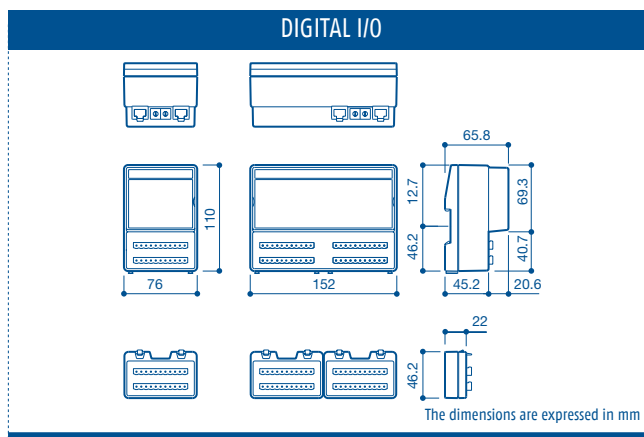
INPUTS	D0-04RL		D0-04TX	D0-08RL	DM-08TS	DM-16TS	DM-32TS
Number of inputs	--				8	16	
Type of inputs					24 Vdc		
OUTPUTS							
Number of outputs	4				8	16	
Relay	250 Vdc Relay	24 Vdc Relay		250 Vac Relay	--		
Voltage	--	--		--	24 Vdc		
Current	2 A (SPST) 1 A (SSR)	6 A		2 A (SPST) 1 A (SSR)	500 mA		
FUNCTIONAL							
Modbus protocol	--				Available	--	
CANOpen protocol	Available						
Serial communication	RS 485, with dual connector RJ45						
Isolation class	4000 V	800 V		4000 V	800 V		
GENERAL							
Power supply	24 Vdc (-15...+25%) (50/60 Hz)						
Power consumption	4 VA max.						
Dimensions	76 x 110 mm, depth 66 mm			152 x 110 mm, depth 66 mm	110 x 76 mm, depth 76 mm		152 x 110 mm, depth 66 mm
Weight	220 g			360 g	220 g		360 g
Mounting							
Connections	2 terminal blocks with 11 poles 5.0mm, with screws or CLAMP terminals			4 terminal blocks with 11 poles 5.0mm, with screws or CLAMP terminals	2 terminal blocks with 11 poles 5.0mm, with screws or CLAMP terminals		4 terminal blocks with 11 poles 5.0mm, with screws or CLAMP terminals
Protection degree	IP20						
Operating / storage temperature	0... 55°C/ -20... 85°C (32... 131°F / -4... 185°F)						
Operating humidity	5... 95% RH% without condensation						
Conformity	EN 50081-2, EN 50082-2, EN 61010						

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HOW TO ORDER

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			I	O
RELAY OUTPUTS				
I0-CBD004RL	CANOpen	SPST-NO 2 A		4
I0-CBD004TX	CANOpen	SPST-NO 6 A		4
I0-CBD008RL	CANOpen	4 SPST-NO 2 A + 4 SPDT 2 A		8
DIGITAL I/O				
I0-CBDM08TS	CANOpen	24 Vdc PNP – 24 Vdc 0.5 A	8	
I0-MBDM08TS	Modbus	24 Vdc PNP – 24 Vdc 0.5 A	8	
I0-CBDM16TS	CANOpen	25 Vdc PNP – 24 Vdc 0.5 A	8	8
I0-CBDM32TS	CANOpen	26 Vdc PNP – 24 Vdc 0.5 A	16	16

DIMENSIONS



ACCESSORIES

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APS2 ALDR75-24	POWER ADAPTOR 3.2 A
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TERMINALS AND CONNECTORS	
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