



TM7BDI8B,
TM7BDO8TAB,
TM7BDM8B



TM7BDM16B,
TM7BDI16B



TM7BDI16A,
TM7BDM16A

Digital I/O expansion blocks						
Max. no. of channels	Number/type of inputs (1)	Number/type of outputs (2)	Sensor and actuator connection	Communication bus	Reference	Weight kg/lb
8, input	8, sink (3)	–	8 female M8 connectors	TM7 bus	TM7BDI8B	0.180/ 0.397
16, input	16, sink (3)	–	16 female M8 connectors	TM7 bus	TM7BDI16B	0.320/ 0.705
	16, sink (3)	–	8 female M12 connectors	TM7 bus	TM7BDI16A	0.320/ 0.705
8, output	–	8, transistor/source (4), 2 A max.	8 female M8 connectors	TM7 bus	TM7BDO8TAB	0.185/ 0.408
8, I/O, configurable	0...8, sink (3)	0...8, transistor/source (4), 0.5 A max.	8 female M8 connectors	TM7 bus	TM7BDM8B	0.190/ 0.419
16, I/O, configurable	0...16, sink (3)	0...16, transistor/source (4), 0.5 A max.	8 female M12 connectors	TM7 bus	TM7BDM16A	0.320/ 0.705
			16 female M8 connectors	TM7 bus	TM7BDM16B	0.320/ 0.705

(1) 24 V $\cdots$ IEC type 1

(2) 24 V $\cdots$

(3) Sink inputs: positive logic

(4) Source outputs: positive logic

Architecture and connection cables

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Separate parts

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Configuration software

■ EcoStruxure Machine Expert software: please refer to catalog Ref. [DIA3ED2180701EN](#)