



MASI FOR FIELD INSTALLATION

- Flexible use
- Quick installation
- Efficient technology

APPLICATION VARIETY – FOR EFFICIENT AND DECENTRALIZED INSTALLATION

MASI, the AS-Interface product series by Murrelektronik, is the simple solution for cost-efficient integration of I/O signals from machine tools or storage and logistics systems to superordinate control systems. MASI allows the user to build highly flexible I/O systems without being tied to rigid topologies.

Who wants to wire control cabinets or set up complex bus solutions when this can be also done in a more simple, flexible, efficient, and robust way? The MASI I/O system allows you to install all the components at the place where they are needed. This allows a clearly arranged wiring and reduces the installation effort to a minimum.



➤ MASI

I/O modules, accessories and accompanying information material regarding MASI can be found in the **online shop**:

➤ shop.murrelektronik.com

MASI65



Valve plug (form A)

- M12
- Degree of protection IP67

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MASI67



I/O modules

- Digital inputs
- Digital inputs/outputs
- Degree of protection IP67

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MASI68



I/O modules

- Digital inputs
- Digital inputs/outputs
- Analog outputs
- Analog inputs
- Degree of protection IP67

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MASI65			Art-No.
	Digital inputs/outputs DO1 - 2A, DO1 - 2 A, DI2 Sensor supply US Switching current per output Valve Plug (Form A), M12, M12 Profile (IO/ID/ID2 code) Address range Standard-Slave	Protection IP67 max. 200 mA (AS-Interface) max. 2 A - S-3.FE 1...31 Specification 2.1	55680
	Digital outputs DO1 - 2A, DO1 - 2 A Switching current per output Standard-Slave Valve Plug (Form A), M12 Profile (IO/ID/ID2 code) Address range	Protection IP67 max. 2 A Specification 2.1 - S-3.FE 1...31	55681
	DO1 - 2A Switching current per output Standard-Slave Valve plug (form A) Profile (IO/ID/ID2 code) Address range	Protection IP67 max. 2 A Specification 2.1 - S-3.FE 1...31	55682
	Digital inputs/outputs DO1 - 2A, DO1 - 2 A, DI2 Sensor supply US Switching current per output Ventilstecker (Form B), M12, M12 Profile (IO/ID/ID2 code) Address range Standard-Slave	Protection IP67 max. 200 mA (AS-Interface) max. 2 A - S-3.FE 1...31 Specification 2.1	556613
	Digital outputs DO1 - 2A Switching current per output Standard-Slave Valve plug (form B) Profile (IO/ID/ID2 code) Address range	Protection IP67 max. 2 A Specification 2.1 - S-3.FE 1...31	556614
MASI67			Art-No.
	Digital inputs DI4 - 0.2 A (AB) 4xM8 Sensor supply US AB-Slave Profile (IO/ID/ID2 code) Address range	Protection IP67 max. 170 mA (AS-Interface) Specification 3.0 S-0.A.0 1...62 (1...31 A or B)	56405

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MASI67			Art-No.
	Digital inputs DI8 - 0.24 A (AB) 8×M8 Sensor supply US AB-Slave Profile (IO/ID/ID2 code) Address range	Protection IP67 max. 180 mA (AS-Interface) Specification 3.0 2 × S-0.A.0 1...62 (2 × 1...31 A or B)	56406
	Digital inputs/outputs DI4 - 0.2 A DO4 - 0.5 A 8×M8 Sensor supply US Standard-Slave Profile (IO/ID/ID2 code) Address range	Protection IP67 max. 180 mA (AS-Interface) Specification 3.0 S-7.0.E 1...31	56408
	Digital inputs DI4 - 0.2 A (AB) 4×M12 Sensor supply US AB-Slave Configuration Profile (IO/ID/ID2 code) Address range	Protection IP67 max. 170 mA (AS-Interface) Specification 3.0 PIN 2 = 4 S-0.A.0 1...62 (1...31 A or B)	56400
	DI4 - 0.2 A (AB) 4×M12 Sensor supply US AB-Slave Configuration Profile (IO/ID/ID2 code) Address range	Protection IP67 max. 170 mA (AS-Interface) Specification 3.0 Y-wiring S-0.A.2 1...62 (1...31 A or B)	56413
	DI8 - 0.24 A (AB) 4×M12 Sensor supply US AB-Slave Configuration Profile (IO/ID/ID2 code) Address range	Protection IP67 max. 180 mA (AS-Interface) Specification 3.0 PIN 2 + 4 2 × S-0.A.2 1...62 (2 × 1...31 A or B)	56401
	Digital inputs/outputs DI4 - 1.6 A DO4 - 2 A 4×M12 Sensor supply US Switching current per output Configuration Profile (IO/ID/ID2 code) Address range Standard-Slave	Protection IP67 max. 1.6 A external max. 2 A PIN 2 + 4 S-7.FE 1...31 Specification 3.0	56404
	DI4 - 0.2 A DO4 - 1.6 A (C) 4×M12 (AB) K3 Sensor supply US Switching current per output Configuration Profile (IO/ID/ID2 code) Address range AB-Slave passive safe outputs	Protection IP67 max. 200 mA (AS-Interface) max. 1.6 A PIN 2 + 4 S-7.A.7 1...62 (1...31 A or B) Specification 3.0 can be switched off via safety relays	56414

MASI67			Art-No.
	Digital inputs/outputs DI8 - 0.34 A DO8 - 1.6 A (AB) 8×M12 (K3) Sensor supply US Switching current per output Configuration Profile (IO/ID/ID2 code) Address range AB-Slave passive safe outputs	Protection IP67 max. 340 mA (AS-Interface) max. 1.6 A PIN 2 + 4 2 × S-7.A.7 1...62 (2 × 1...31 A or B) Specification 3.0 can be switched off via safety relays	56415
	Digital outputs DO8 - 1.6 A (AB) 8×M12 (K3) Safety Switching current per output passive safe outputs Configuration Profile (IO/ID/ID2 code) Address range AB-Slave	Protection IP67 max. 1.6 A can be switched off via safety relays Y-wiring S-7.A.7 1...62 (1...31 A or B) Specification 3.0	56445
MASI68			Art-No.
	Digital inputs DI4 - 0.18 A (C) 4×M8 (AB) Sensor supply US AB-Slave Compact module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 180 mA (AS-Interface) Specification 3.0 - S-0.A.2 1...62 (1...31 A or B)	56434
	DI4 - 0.18 A (C) 4×M8 Sensor supply US Standard-Slave Compact module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 180 mA (AS-Interface) Specification 3.0 - S-0.0.0 1...31	56435
	Digital inputs/outputs DI2 - 0.1 A DO2 - 0.5 A (C) 4×M8 (AB) Sensor supply US Switching current per output Compact module Profile (IO/ID/ID2 code) Address range AB-Slave	Protection IP68 max. 100 mA (AS-Interface) max. 0.5 A - S-7.A.E 1...62 (1...31 A or B) Specification 3.0	56446

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MASI68			Art-No.
	Digital inputs DI8 - 0.2 A (C) 8×M8 (AB) Sensor supply US AB-Slave Compact module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 200 mA (AS-Interface) Specification 3.0 - 2 × S-0.A.0 1...62 (2 × 1...31 A or B)	56420
	DI8 - 0.2 A (C) 8×M8 (AB) Sensor supply US AB-Slave Compact module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 200 mA (AS-Interface) Specification 3.0 Slave 1: 1 A; Slave2: 2 A 2 × S-0.A.0 1...62 (1...31 A or B)	564201
	Digital inputs/outputs DI4 - 0.19 A DO3 - 0.5 A (C) 7×M8 (AB) Sensor supply US Switching current per output Compact module Profile (IO/ID/ID2 code) Address range AB-Slave	Protection IP68 max. 190 mA (AS-Interface) max. 0.5 A - S-7.A.0 1...62 (1...31 A or B) Specification 2.1	56418
	DI4 - 0.19 A DO4 - 0.5 A (C) 8×M8 Sensor supply US Switching current per output Compact module Profile (IO/ID/ID2 code) Address range Standard-Slave	Protection IP68 max. 190 mA (AS-Interface) max. 0.5 A - S-7.0.0 1...31 Specification 3.0	56419
	DI4 - 0.2 A DO4 - 0.5 A (C) 8×M8 (AB) Sensor supply US Switching current per output Compact module Profile (IO/ID/ID2 code) Address range AB-Slave	Protection IP68 max. 190 mA (AS-Interface) max. 0.5 A - S-7.A.7 1...62 (1...31 A or B) Specification 3.0	56462
	Digital inputs DI8 - 0.19 A (E) 8×M8 (AB) Sensor supply US AB-Slave Expansion module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 190 mA (AS-Interface) Specification 3.0 - 2 × S-0.A.E 1...62 (1...31 A or B)	56436

MASI68			Art-No.
	Digital inputs DI4 - 0.19 A (C) 4×M12 (AB) (Y) Sensor supply US AB-Slave Compact module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 190 mA (AS-Interface) Specification 3.0 Y-wiring S-0.A.2 1...62 (1...31 A or B)	56421
	DI8 - 0.19 A (C) 4×M12 (AB) Sensor supply US AB-Slave Compact module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 190 mA (AS-Interface) Specification 3.0 PIN 2 + 4 2 × S-0.A.2 1...62 (2 × 1...31 A or B)	56424
	Digital inputs DI4 - 0.2 A (E) 4×M12 (AB) (Y) Sensor supply US AB-Slave Expansion module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 200 mA (AS-Interface) Specification 3.0 Y-wiring S-0.A.2 1...62 (1...31 A or B)	56425
	DI4 - 0.19 A (E) 4×M12 (AB) (Y) AUX Sensor supply US AB-Slave Expansion module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 190 mA (AUX Power) Specification 3.0 Y-wiring S-0.A.2 1...62 (1...31 A or B)	56443
	DI8 - 0.19 A (E) 4×M12 (AB) Sensor supply US AB-Slave Expansion module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 190 mA (AS-Interface) Specification 3.0 PIN 2 + 4 2 × S-0.A.2 1...62 (2 × 1...31 A or B)	56426
	DI8 - 0.19 A (E) 4×M12 (AB) AUX Sensor supply US AB-Slave Expansion module Profile (IO/ID/ID2 code) Address range	Protection IP68 max. 190 mA (AUX Power) Specification 3.0 PIN 2 + 4 2 × S-0.A.2 1...62 (2 × 1...31 A or B)	56444
	Digital inputs/outputs DI4 - 0.19 A DO4 - 1 A (E) 4×M12 (AB) Sensor supply US Switching current per output Expansion module Profile (IO/ID/ID2 code) Address range AB-Slave	Protection IP68 max. 190 mA (AS-Interface) max. 1 A PIN 2 + 4 S-7.A.7 1...62 (1...31 A or B) Specification 3.0	56439

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MASI68			Art-No.
	Digital outputs DO8 - 0.5 A (AB) 4×M12 (K3) Switching current per output passive safe outputs Expansion module Profile (IO/ID/ID2 code) Address range AB-Slave	Protection IP68 max. 0.5 A can be switched off via safety relays PIN 2 + 4 S-7.A.7 1...62 (1...31 A or B) Specification 3.0	56447
	Digital inputs/outputs DI4 - 0.19 A DO4 - 2 A (C) 8×M12 (Y) Sensor supply US Switching current per output Compact module Profile (IO/ID/ID2 code) Address range Standard-Slave	Protection IP68 max. 190 mA (AS-Interface) max. 2 A Y-wiring S-7.FE 1...31 Specification 3.0	56422
	DI4 - 0.19 A DO4 - 2 A (C) 8×M12 Sensor supply US Switching current per output Compact module Profile (IO/ID/ID2 code) Address range Standard-Slave	Protection IP68 max. 190 mA (AS-Interface) max. 2 A PIN 4 S-7.0.7 1...31 Specification 3.0	56438
	DI4 - 0.2 A DO4 - 1.6 A (C) 8×M12 (AB) (Y) (K3) Sensor supply US Switching current per output Compact module Profile (IO/ID/ID2 code) Address range AB-Slave passive safe outputs	Protection IP68 max. 200 mA (AS-Interface) max. 1.6 A Y-wiring S-7.A.7 1...62 (1...31 A or B) Specification 3.0 can be switched off via safety relays	56423
	Digital inputs/outputs DI4 - 0.2 A DO4 - 2 A (E) 8×M12 (Y) Sensor supply US Switching current per output Expansion module Profile (IO/ID/ID2 code) Address range Standard-Slave	Protection IP68 max. 200 mA (AS-Interface) max. 2 A Y-wiring S-7.FE 1...31 Specification 3.0	56427
	Digital inputs/outputs DI4 - 0.2 A DO4 - 1.6 A (E) 8×M12 (AB) (Y) (K3) Sensor supply US Switching current per output Expansion module Profile (IO/ID/ID2 code) Address range AB-Slave passive safe outputs	Protection IP68 max. 200 mA (AS-Interface) max. 1.6 A Y-wiring S-7.A.7 1...62 (1...31 A or B) Specification 3.0 can be switched off via safety relays	56428

MASI68			Art-No.
	Analog inputs AI4 - (E) RTD Measuring current Standard-Slave Expansion module Profile (IO/ID/ID2 code) Address range	Protection IP68 Pt100 - 1.25 mA Specification 3.0 - S-7.3.E 1...31	56442
	AI4 - (E) 4×M12 (UI) Input range (current) Input range (voltage) Expansion module Profile (IO/ID/ID2 code) Address range Standard-Slave	Protection IP68 -22...22 mA -10...+10 V - S-7.3.E 1...31 Specification 3.0	56448
	Analog outputs AO2 - (E) 2×M12 (UI) Output current Output voltage Expansion module Profile (IO/ID/ID2 code) Address range Standard-Slave	Protection IP68 0...22 mA -10...+10 V - S-7.3.5 1...31 Specification 3.0	56474