



MASI FOR THE CONTROL CABINET

- High signal density in a minimum amount of space
- Pluggable insulation displacement or spring clamp connections
- Sensor power supply from AS-Interface or 24 V DC

MASI – THE CLEVER AS-INTERFACE SYSTEM FROM MURRELEKTRONIK

The modules are designed in a way that the wiring method with single strands is optimally supported in order to offer the user the best possible benefit during installation, commissioning and maintenance.

The design according to the latest AS-Interface specification 3.0 and the AS-Interface certificate with worldwide validity guarantee the user interoperability and a high investment security. Furthermore, safety shutdowns according to EN 13849-1 up to PL d can be realized using a special K3 module.



➤ MASI

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

➤ shop.murrelektronik.com

Gateway



Gateway Singlemaster



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Gateway Doublemaster



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MASI00/MASI20



MASI00

- Digital inputs/outputs
- Degree of protection IP00

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MASI20

- Digital inputs/outputs
- Passively safe outputs
- Degree of protection IP20

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Power Supply Units



Primary switched power supply

- Single-phase, three-phase





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MASI CONTROL CABINET

stay connected




PROFIBUS DP		Art-No.
	Gateway-Singlemaster AS-Interface/PROFIBUS DP No. of slaves ASI-Power 24 Serial interface/diagnostic AS-Interface data decoupling integrated	Protection IP20 max. 62 Specification 3.0 - Protection AS-i side, 4 A 56471
PROFINET		Art-No.
	Gateway-Singlemaster AS-Interface/PROFINET No. of slaves ASI-Power 24 Serial interface/diagnostic AS-Interface data decoupling integrated	Protection IP20 max. 62 Specification 3.0 RJ45/Fieldbus Protection AS-i side, 4 A 56470
EtherNet/IP		Art-No.
	Gateway-Singlemaster AS-Interface/EtherNet/IP No. of slaves ASI-Power 24 Serial interface/diagnostic AS-Interface data decoupling integrated	Protection IP20 max. 62 Specification 3.0 RJ45/Fieldbus Protection AS-i side, 4 A 56469
CC-Link		Art-No.
	Gateway-Singlemaster AS-Interface/CC-Link No. of slaves ASI-Power 24 Serial interface/diagnostic AS-Interface data decoupling integrated	Protection IP20 max. 62 Specification 3.0 - Protection AS-i side, 4 A 56473
EtherCAT		Art-No.
	Gateway-Doublemaster AS-Interface/EtherCAT No. of slaves AS-Interface data decoupling integrated Serial interface/diagnostic	Protection IP20 max. 2 × 62 Specification 3.0 RJ45/Ethernet Protection AS-i side, 4 A 56458

MASI CONTROL CABINET

MASI00			Art-No.
	<p>Digital inputs/outputs DI4/DO4 - 0.2 A Sensor supply US Switching current per output Profile (IO/ID/ID2 code) Address range Standard-Slave</p>	<p>Protection IP00 max. 200 mA (AS-Interface) max. 30 mA S-7.FF 1...31 via plug terminals Specification 3.0</p>	<p>55700</p>
	<p>Digital inputs/outputs DI4/DO4 - 0.2 A Sensor supply US Switching current per output Connection cable for pin cable lug Profile (IO/ID/ID2 code) Address range Standard-Slave</p>	<p>Protection IP00 max. 200 mA (AS-Interface) max. 30 mA 250 mm S-7.FF 1...31 via plug terminals Specification 3.0</p>	<p>556625</p>
	<p>Connection cable MASI00 with open ended wires</p>	<p>1 000 mm</p>	<p>556510</p>
	<p>Connection cable MASI00 with cable fork</p>	<p>150 mm</p>	<p>556511</p>

MASI20			Art-No.
	<p>Digital inputs/outputs DI4 - 0.2 A DO4 - 0.5 A (AB) K3 Sensor supply US Switching current per output Profile (IO/ID/ID2 code) Address range AB-Slave passive safe outputs</p>	<p>Protection IP20 from AS-Interface or 24 V DC (EN 61131-2) max. 0.5 A S-7.A.7 1...62 (1...31 A or B) Specification 3.0 can be switched off via safety relays</p>	<p>56440</p>
	<p>Digital inputs/outputs DI4 - 0.15 A DO4 - 2 A K3 Sensor supply US Switching current per output Profile (IO/ID/ID2 code) Address range Standard-Slave passive safe outputs</p>	<p>Protection IP20 from AS-Interface or 24 V DC (EN 61131-2) max. 2 A S-7.0.E 1...31 Specification 3.0 can be switched off via safety relays</p>	<p>56475</p>
	<p>DI4 - 0.15 A DO4 - 2 A (AB) K3 Sensor supply US Switching current per output Profile (IO/ID/ID2 code) Address range AB-Slave passive safe outputs</p>	<p>Protection IP20 from AS-Interface or 24 V DC (EN 61131-2) max. 2 A S-7.A.7 1...62 (1...31 A or B) Specification 3.0 can be switched off via safety relays</p>	<p>56476</p>
	<p>Digital inputs/relay outputs DI4 - 0.15 A DO4R - 2 A Sensor supply US Switching current per output Relay outputs Profile (IO/ID/ID2 code) Address range Standard-Slave</p>	<p>Protection IP20 from AS-Interface or 24 V DC (EN 61131-2) 2 A - S-7.0.E 1...31 Specification 3.0</p>	<p>56477</p>
	<p>DI4 - 0.15 A DO4R - 2 A (AB) Sensor supply US Switching current per output Relay outputs Profile (IO/ID/ID2 code) Address range AB-Slave</p>	<p>Protection IP20 from AS-Interface or 24 V DC (EN 61131-2) 2 A - S-7.A.7 1...62 (1...31 A or B) Specification 3.0</p>	<p>56478</p>

MASI CONTROL CABINET

Power Supply Units			Art-No.
	<p>Switch mode power supplies Single-phase, primary switched Input voltage Output voltage Efficiency Output current</p>	<p>Protection IP20 95...265 V AC 30.5 V DC (SELV), $\pm 2\%$ 83% (110 V AC); 85% (240 V AC) max. 4.0 A (+40 °C); 3.4 A (+55 °C)</p>	<p>85381</p>
	<p>Switch mode power supplies Single-phase, primary switched Input voltage Output voltage with EFD (earth fault detection) Efficiency Output current</p>	<p>Protection IP20 95...265 V AC 30.5 V DC (SELV), $\pm 2\%$ - 83% (110 V AC); 85% (240 V AC) max. 4.0 A (+40 °C); 3.4 A (+55 °C)</p>	<p>85382</p>
	<p>Switch mode power supplies 3-phase, primary switched Input voltage Output voltage Efficiency Output current</p>	<p>Protection IP20 3x324...572 V AC/2x340...572 V AC/450...745 V DC 30.5 V DC (SELV), $\pm 1\%$; 30...32 V adjustable 92.5% (3 x 400 V AC); 91.8% (3 x 480 V AC) 4.8 A (45 °C); 4.0 A (60 °C); 2.9 A (70 °C)</p>	<p>85383</p>



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**:

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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.F.E 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.F.E 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.F.E 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.F.E 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.F.E 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

MASI FIELD INSTALLATION

MASI67			Art-No.
	<p>Digital inputs DI8 - 0.24 A (AB) 8×M8 Sensor supply US AB-Slave Profile (IO/ID/ID2 code) Address range</p>	<p>Protection IP67 max. 180 mA (AS-Interface) Specification 3.0 2 × S-0.A.0 1...62 (2 × 1...31 A or B)</p>	<p>56406</p>
	<p>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</p>	<p>Protection IP67 max. 180 mA (AS-Interface) Specification 3.0 S-7.0.E 1...31</p>	<p>56408</p>
	<p>Digital inputs DI4 - 0.2 A (AB) 4×M12 Sensor supply US AB-Slave Configuration Profile (IO/ID/ID2 code) Address range</p>	<p>Protection IP67 max. 170 mA (AS-Interface) Specification 3.0 PIN 2 = 4 S-0.A.0 1...62 (1...31 A or B)</p>	<p>56400</p>
	<p>DI4 - 0.2 A (AB) 4×M12 Sensor supply US AB-Slave Configuration Profile (IO/ID/ID2 code) Address range</p>	<p>Protection IP67 max. 170 mA (AS-Interface) Specification 3.0 Y-wiring S-0.A.2 1...62 (1...31 A or B)</p>	<p>56413</p>
	<p>DI8 - 0.24 A (AB) 4×M12 Sensor supply US AB-Slave Configuration Profile (IO/ID/ID2 code) Address range</p>	<p>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)</p>	<p>56401</p>
	<p>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</p>	<p>Protection IP67 max. 1.6 A external max. 2 A PIN 2 + 4 S-7.F.E 1...31 Specification 3.0</p>	<p>56404</p>
	<p>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</p>	<p>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</p>	<p>56414</p>

MASI Field Installation

MASI67			Art-No.
	<p>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</p>	<p>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</p>	<p>56415</p>
	<p>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</p>	<p>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</p>	<p>56445</p>
MASI68			Art-No.
	<p>Digital inputs DI4 - 0.18 A (C) 4×M8 (AB) Sensor supply US AB-Slave Compact module Profile (IO/ID/ID2 code) Address range</p>	<p>Protection IP68 max. 180 mA (AS-Interface) Specification 3.0 - S-0.A.2 1...62 (1...31 A or B)</p>	<p>56434</p>
	<p>DI4 - 0.18 A (C) 4×M8 Sensor supply US Standard-Slave Compact module Profile (IO/ID/ID2 code) Address range</p>	<p>Protection IP68 max. 180 mA (AS-Interface) Specification 3.0 - S-0.0.0 1...31</p>	<p>56435</p>
	<p>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</p>	<p>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</p>	<p>56446</p>



MASI FIELD INSTALLATION

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)	56421
	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

MA SI FIELD INSTALLATION

MASI68			Art-No.
	<p>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</p>	<p>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</p>	<p>56447</p>
	<p>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</p>	<p>Protection IP68 max. 190 mA (AS-Interface) max. 2 A Y-wiring S-7.FE 1...31 Specification 3.0</p>	<p>56422</p>
	<p>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</p>	<p>Protection IP68 max. 190 mA (AS-Interface) max. 2 A PIN 4 S-7.0.7 1...31 Specification 3.0</p>	<p>56438</p>
	<p>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</p>	<p>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</p>	<p>56423</p>
	<p>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</p>	<p>Protection IP68 max. 200 mA (AS-Interface) max. 2 A Y-wiring S-7.FE 1...31 Specification 3.0</p>	<p>56427</p>
	<p>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</p>	<p>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</p>	<p>56428</p>

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

MASI INSTALLATION TECHNOLOGY

- Versatile
- Leak-proof for industrial use
- Simplest installation

AS-INTERFACE SYSTEM

In connection with the installation technology, the AS-Interface system from Murrelektronik provides consistent solutions from the operating panel through the control cabinet to the field - from IP00 to IP68.

Due to the application-oriented optimization of the modules, a safe installation and extension of the system can be realized very easily.

- **Easy** – Connection using the cable penetration technology, plug-in connectors or M12
- **Consistent** – products adapted to the fields of application from IP00 to IP68
- **Up-to-date** – latest technology according to the AS-interface specification 3.0



➤ MASI

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

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MASI20/67/68



- Distributor
- Converter
- Adapter

Page 4.10.1

System/Torque wrenches



- Programming device
- Z-plug
- T-coupler
- Mounting plates

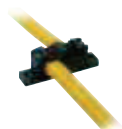
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- Torque wrench M8
- Torque wrench M12
- Torque wrench 7/8"

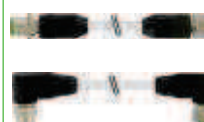
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Cables



- Profile cables**
- Coding elements
 - Adapter, terminals

Page 4.10.4



- Round plug connector**
- T-coupler
 - DIN-rail adapter
 - Connecting cables

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MASI20			Art-No.
	Bus or Power distributor 2 AS-Interface + 3 power ports potentially separated	5 plug terminals included	55575
	3 AS-Interface + 2 power ports potentially separated	5 plug terminals included	55606
	Bus or Power distributor 1 × 3 AS-Interface + 2 × 1 power ports 5 ports, universal potentially separated	5 plug terminals included	55605
	1 × 5 AS-Interface/power ports 5 ports, universal not potentially separated	5 plug terminals included	55611
	Bus or Power distributor 1 × 3 AS-Interface + 2 × 1 power ports 5 ports, universal potentially separated	without plug terminals	55607
	Plug terminal for bus or power distributor	AS-Interface profile cable	55604
MASI67			Art-No.
	MASI67 connection 2 × on 2 × profile cable Total current: max. 8 A		55033
	1 × on 3 × profile cable Total current: max. 8 A		55034
	MASI67 converter 2 × profile cable to 7/8" (female) Total current: max. 8 A	5-pole	55035
	MASI67 converter 2 × profile cable to 7/8" (male) Total current: max. 8 A	5-pole	55036
	MASI67 converter 2 × profile cable to M12 (female) Total current: max. 4 A	M12, 4-pole, A-coded	55037

MASI INSTALLATION TECHNOLOGY

MASI67		Art-No.
	MASI67 converter 2 × profile cable to M12 (male) Total current: max. 4 A	M12, 4-pole, A-coded 55038
	AS-Interface distributor from profile to profile cable Operating current: max. 3 A	55749
	AS-Interface breakout from profile cable to M12 Operating current: max. 2 A	M12, 2-pole, A-coded 55741
MASI67/68		Art-No.
	MASI67 passive distribution box 2 × profile cable to 4 × M12 (female) Current (M12): max. 4 A Total current: max. 8 A Ext. supply: 1 × aux power	M12, 4-pole, A-coded 56412
	2 × profile cable to 4 × M12 (female) Current (M12): max. 4 A Total current: max. 2 × 8 A Ext. supply: 2 × separately aux power	M12, 4-pole, A-coded 56416
MASI68		Art-No.
	MASI68 passive distribution box 1×7/8 AUX + 1×M12 AS-Interface to 3×M12 (female) Current (M12): max. 4 A Total current: max. 2 × 8 A	M12, 4-pole, A-coded 2 separate circuits 56454
	T-coupler (SlimLine) M12 - M12 Male straight - female straight Parallel circuit	5-pole 7000-41151-0000000
	T-coupler M12 - M12 Male straight - female straight Parallel circuit	5-pole 7000-41141-0000000
	Holding plate for T-couplers M12 (SlimLine)	without mounting set
	for T-couplers M12 (SlimLine)	with mounting set
		7000-99061-0000000
		7000-99062-0000000

System			Art-No.
	Programming device AS-Interface programming device	AS-Interface addressing cable	55696
	Addressing cable Spare cable	for AS-Interface programming device	55727
	MASI Z-Plug Passive bus terminator		55779
	T-coupler (SlimLine) M12 - M12 Male straight - female straight Distribution function (NO)	5-pole - 4-pole	7000-41131-0000000
	T-coupler M12 - M12 Male straight - female straight Distribution function (NO)	5-pole - 4-pole	7000-41121-0000000
	Holding plate for T-couplers M12 (SlimLine)	without mounting set	7000-99061-0000000
	for T-couplers M12 (SlimLine)	with mounting set	7000-99062-0000000
Torque wrench			Art-No.
	Torque wrench set M12 (0.6 Nm, SW13)	M12 data connector molded (standard)	7000-99102-0000000
	Torque wrench M12 (0.6 Nm, SW13)	M12 data connector molded (standard)	7000-99109-0000000
	M12 (0.6 Nm, SW14)	M12 data connector moulded (Xtreme)	7000-99108-0000000
	Torque wrench M12 (0.6 Nm, SW17)	M12 field-wireable (IDC terminal)	7000-99094-0000000
	Torque wrench M12 (0.6 Nm, SW18)	M12 field-wireable via (screw terminals)	7000-99103-0000000
	Torque wrench set M8 (0.4 Nm, SW9)	M8 data connectors	7000-99101-0000000

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Torque wrench			Art-No.
	Torque wrench M8 (0.4 Nm, SW9)	M8 data connectors	7000-99091-000000
	Torque wrench set 7/8" (1.5 Nm, SW22)	7/8" data connenctor moulded (IDC terminal)	7000-99104-000000
	Torque wrench 7/8" (1.5 Nm, SW22)	7/8" data connenctor moulded (IDC terminal)	7000-99096-000000
	7/8" (1.5 Nm, SW24)	7700-XXXXX - 7/8" data connenctor moulded (screw terminals)	7000-99097-000000
For profile cable			Art-No.
	Coding element - short for MASI67 AS-i	Quantity: 2 pcs.	55059
	Coding element - long for MASI67 AUX	Quantity: 2 pcs.	55060
	Mounting bracket for AS-Interface profile cable	Quantity: 50 pcs.	55742
	Adapter from profile cable to M16		56453
	Plug terminal for bus or power distributor	AS-Interface profile cable	55604
	AS-Interface distributor from profile to profile cable Operating current: max. 3 A		55749
	AS-Interface breakout from profile cable to M12 Operating current: max. 2 A	M12, 2-pole, A-coded	55741

For profile cable			Art-No.
	Middle gasket for profile cable	Quantity: 2 pcs.	55062
	End gasket for Profile cable left/right	Quantity: 2 pieces right + 2 pieces left	55061
	End gasket for profile cable right	Quantity: 100 pcs.	56432
	End gasket for Profile cable left	Quantity: 100 pcs.	56433
	End gasket for Profile cable left/right	Quantity: 5 pcs. right + 5 pcs. left	55746
	Bulk cable Profile cable yellow, 2 × 1.5 mm ² PUR (UL/CSA), C-tracks	1 m	55743
	Bulk cable Profile cable yellow, 2 × 1.5 mm ² PUR (UL/CSA), C-tracks Profile cable yellow, 2 × 2.5 mm ² PUR (UL/CSA), C-tracks	Cable ring: 100 m Other versions on request.	7000-C9901-1660000 7000-C9901-1780000
	Bulk cable Profile cable black, 2 × 1.5 mm ² PUR (UL/CSA), C-tracks	1 m	55744
	Bulk cable Profile cable black, 2 × 1.5 mm ² PUR (UL/CSA), C-tracks Profile cable black, 2 × 2.5 mm ² PUR (UL/CSA), C-tracks	Cable ring: 100 m Other versions on request.	7000-C9901-7840000 7000-C9901-7790000

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Round cable MASI68			Art-No.
	T-coupler M12 – M12 Female straight - male/male straight A-coded, 4-pole MASI68 additional actuator power supply	MASI68 additional actuator power supply	7060-42701-000000
	Female straight - male/male straight Distribution function (NO) MASI68 additional actuator power supply MVK Metall Safety	4-pole	7060-42703-000000
	DIN-rail adapter for extension modules	30 mm	56963
	DIN-rail adapter for extension modules	50 mm	56962
	Cable drum (100 m) 2 × 1.5 mm ² , gray Suitable for C-tracks	AS-Interface, MASI68	7000-C0201-5880000
Round plug connectors MASI68			Art-No.
	Connection cable Male straight - female straight 2 × 1.5 mm ² , gray PUR (UL/CSA) 1.0 m	M12 - M12 2-pole Suitable for C-tracks Other versions on request.	7060-40005-5880100
	Male straight - female straight 4 × 0.75 mm ² , gray PUR (UL/CSA) 1.0 m	M12 - M12 4-pole Suitable for C-tracks Other versions on request.	7060-40021-8620100
	Connection cable Male 90° - female 90° 2 × 1.5 mm ² , gray PUR (UL/CSA) 1.0 m	M12 - M12 2-pole Suitable for C-tracks Other versions on request.	7060-40245-5880100
	Male 90° - female 90° 4 × 0.75 mm ² , gray PUR (UL/CSA) 1.0 m	M12 - M12 4-pole Suitable for C-tracks Other versions on request.	7060-40261-8620100

Round plug connectors MASI68			Art-No.
	Connection cable Male straight - female straight 2 × 1.0 mm ² , gray PUR (UL/CSA) 1.0 m	M12 - M12 2-pole, shielded Suitable for Ctracks Other versions on request.	7060-40485-5420100
	Male straight - female straight 2 × 0.75 mm ² + 2 × 0.75 mm ² , gray PUR (UL/CSA) 1.0 m	M12 - M12 4-pole, shielded Suitable for C-tracks Other versions on request.	7060-40505-4940100
	With open ended wires Female straight 4 × 0.75 mm ² , gray PUR (UL/CSA) 1.0 m	M12 4-pole Suitable for C-tracks Other versions on request.	7060-12221-8620100
Labeling accessories			Art-No.
	Label plates 20 × 8 mm	(20 pieces per plate)	55318
Blind plug/caps			Art-No.
	Screw plug M12 × 1 mm Plastic, hex with gasket	Quantity: 4 pcs.	55468
	Plastic, hex with gasket	Quantity: 100 pcs.	56455
	Plastic, hex without gasket	Quantity: 4 pcs.	56952
	Plastic, hex without gasket	Quantity: 10 pcs.	58627
	Screw plug M8 × 1 mm (for female) Plastic, hex without gasket	Quantity: 10 pcs.	3858627