

| Technical Data | | General Specifications | |
|--|---------------------------|---|---|
| Number of I/O modules | 63 | Operating temperature | 0 °C ... +55 °C |
| Max. input process image | 244 bytes | Wire connection | CAGE CLAMP® |
| Max. output process image | 244 bytes | Cross sections | 0.08 mm² ... 2.5 mm² / AWG 28 ... 14 |
| Configuration | via PC or PLC | Strip lengths | 8 ... 9 mm / 0.33 in |
| Power supply | 24 V DC (-25 % ... +30 %) | Dimensions (mm) W x H x L | 51 x 65 x 100 |
| Max. input current (24 V) | 500 mA | | Height from upper-edge of DIN 35 rail |
| Power supply efficiency | 87 % | Weight | 183.1 g |
| Internal current consumption (5 V) | 200 mA | Storage temperature | -25 °C ... +85 °C |
| Total current for I/O modules (5 V) | 1800 mA | Relative air humidity (no condensation) | 95 % |
| Isolation | 500 V system/supply | Vibration resistance | acc. to IEC 60068-2-6 |
| Voltage via power jumper contacts | 24 V DC (-25 % ... +30 %) | Shock resistance | acc. to IEC 60068-2-27 |
| Current via power jumper contacts (max.) | 10 A DC | Degree of protection | IP20 |
| | | EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| | | EMC emission of interference | acc. to EN 61000-6-4, marine applications |

2-Channel Digital Input Module 24 V DC

2- to 4-conductor connection; high-side switching

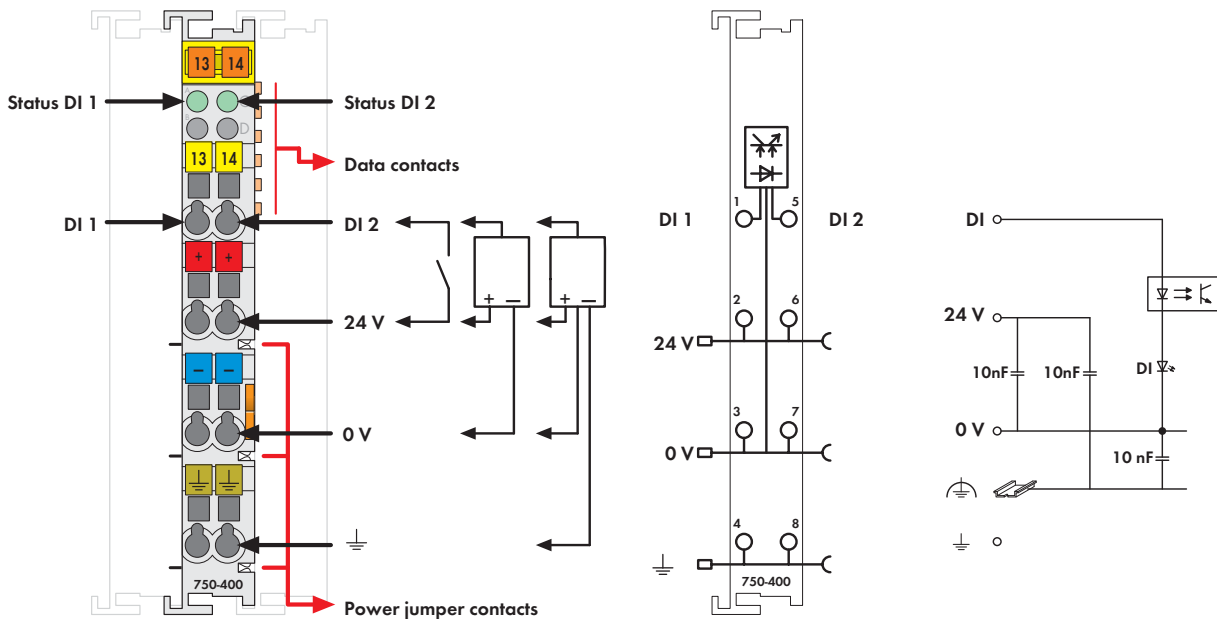





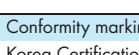



Fig. 750 Series
Delivered without miniature WSB markers

The digital input module receives control signal from the digital field devices (sensors, etc.).

The module is a 4-conductor device; sensors with a ground (earth) wire may be directly connected to the module.

Each input module has a noise-rejection filter. This filter is available with different time constants.

Field and system levels are electrically isolated.

| Description | Item No. | Pack. Unit |
|--|---|------------|
| 2DI 24V DC 3.0ms | 750-400 | 1 |
| 2DI 24V DC 0.2ms | 750-401 | 1 |
| 2DI 24V DC 3.0ms | 750-400/025-000 | 1 |
| Extended temperature range: -20 °C ... +60 °C | | |
| 2DI 24V DC 3.0ms (without connector) | 753-400 | 1 |
| 2DI 24V DC 0.2ms (without connector) | 753-401 | 1 |
| Accessories | Item No. | Pack. Unit |
|  753 Series Connectors | 753-110 | 25 |
|  Coding elements | 753-150 | 100 |
| Miniature WSB Quick marking system | | |
|  plain | 248-501 | 5 |
|  with marking | see Section 11 | |
| Approvals | | |
| Conformity marking | CE | |
| Korea Certification |  | |
| Marine applications (versions upon request) | ABS, BV, DNV, GL, KR, LR, NKK, PRS, UL 508 | |
|  ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
|  TÜV 07 ATEX 554086 X | I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |
| IECEx TUN 09.0001 X | Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |

| Technical Data | |
|-----------------------------------|--|
| Number of inputs | 2 |
| Current consumption (internal) | 3.7 mA |
| Voltage via power jumper contacts | 24 V DC (-25 % ... +30 %) |
| Signal voltage (0) | -3 V ... +5 V DC |
| Signal voltage (1) | 15 V ... 30 V DC |
| Input filter | 3.0 ms (750-400 / 753-400) 0.2 ms (750-401 / 753-401) |
| Input current (typ.) | 4.5 mA |
| Isolation | 500 V system/supply |
| Internal bit width | 2 bits |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm² ... 2.5 mm² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 46.7 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |

4-Channel Digital Input Module 24 V DC

2- to 3-conductor connection; high-side switching

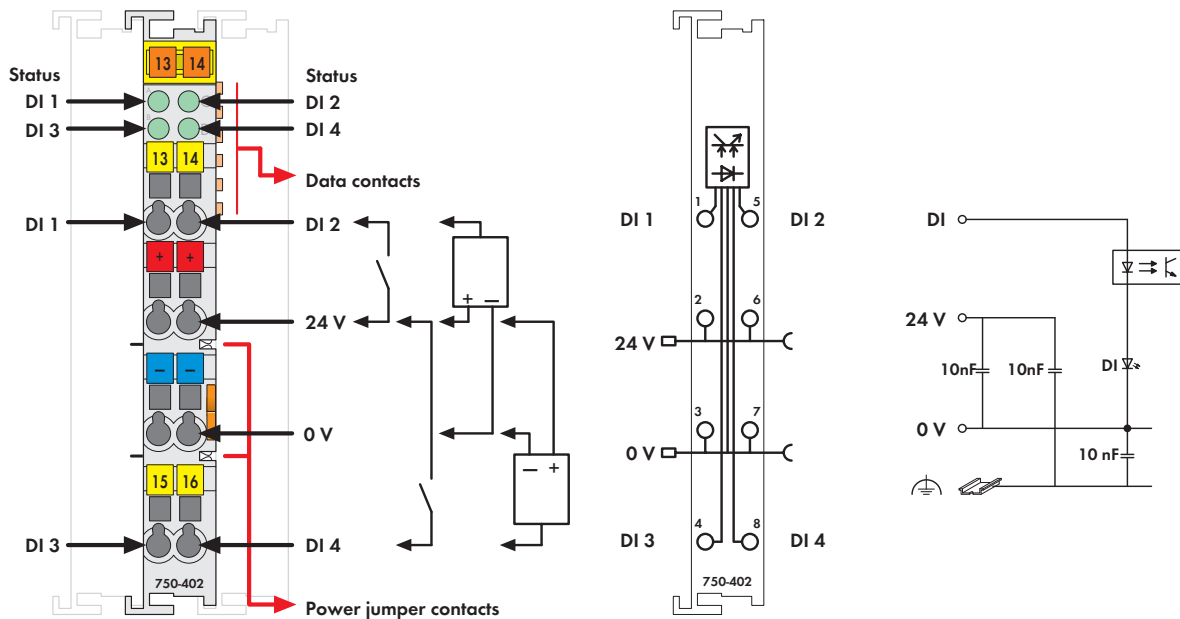



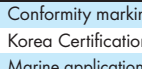


Fig. 750 Series
Delivered without miniature WSB markers

The digital input module receives control signal from the digital field devices (sensors, etc.).

Each input module has a noise-rejection filter. This filter is available with different time constants.

Field and system levels are electrically isolated.

| Description | Item No. | Pack. Unit |
|---|--|------------|
| 4DI 24V DC 3.0ms | 750-402 | 1 |
| 4DI 24V DC 0.2ms | 750-403 | 1 |
| 4DI 24V DC 3.0ms/T | 750-402/025-000 | 1 |
| Extended temperature range: -20 °C ... +60 °C | | |
| 4DI 24V DC 3.0ms (without connector) | 753-402 | 1 |
| 4DI 24V DC 0.2ms (without connector) | 753-403 | 1 |
| Accessories | Item No. | Pack. Unit |
|  753 Series Connectors | 753-110 | 25 |
|  Coding elements | 753-150 | 100 |
| Miniature WSB Quick marking system | | |
|  plain | 248-501 | 5 |
|  with marking | see Section 1.1 | |
| Approvals | | |
| Conformity marking | CE | |
| Korea Certification | KC (75x-402, 750-402/025-000) | |
| Marine applications (versions upon request) | ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA | |
| UL 508 | Class I, Div. 2, Grp. ABCD, T4 | |
| ANSI/ISA 12.12.01 | I M2 Ex d I Mb, | |
| TÜV 07 ATEX 554086 X | II 3 G Ex nA IIC T4 Gc, | |
| | II 3 D Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |
| IECEx TUN 09.0001 X | Ex d I Mb, | |
| | Ex nA IIC T4 Gc, | |
| | Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |

| Technical Data | |
|-----------------------------------|---|
| Number of inputs | 4 |
| Current consumption (internal) | 7.5 mA |
| Voltage via power jumper contacts | 24 V DC (-25 % ... +30 %) |
| Signal voltage (0) | -3 V ... +5 V DC |
| Signal voltage (1) | 15 V ... 30 V DC |
| Input filter | 3.0 ms (750-402 / 753-402) |
| | 0.2 ms (750-403 / 753-403) |
| Input current (typ.) | 4.5 mA |
| Isolation | 500 V system/supply |
| Internal bit width | 4 bits |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm² ... 2.5 mm² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in |
| | 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 48.5 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |

2-Channel Digital Input Module NAMUR

Proximity switch acc. to DIN EN 60947-5-6

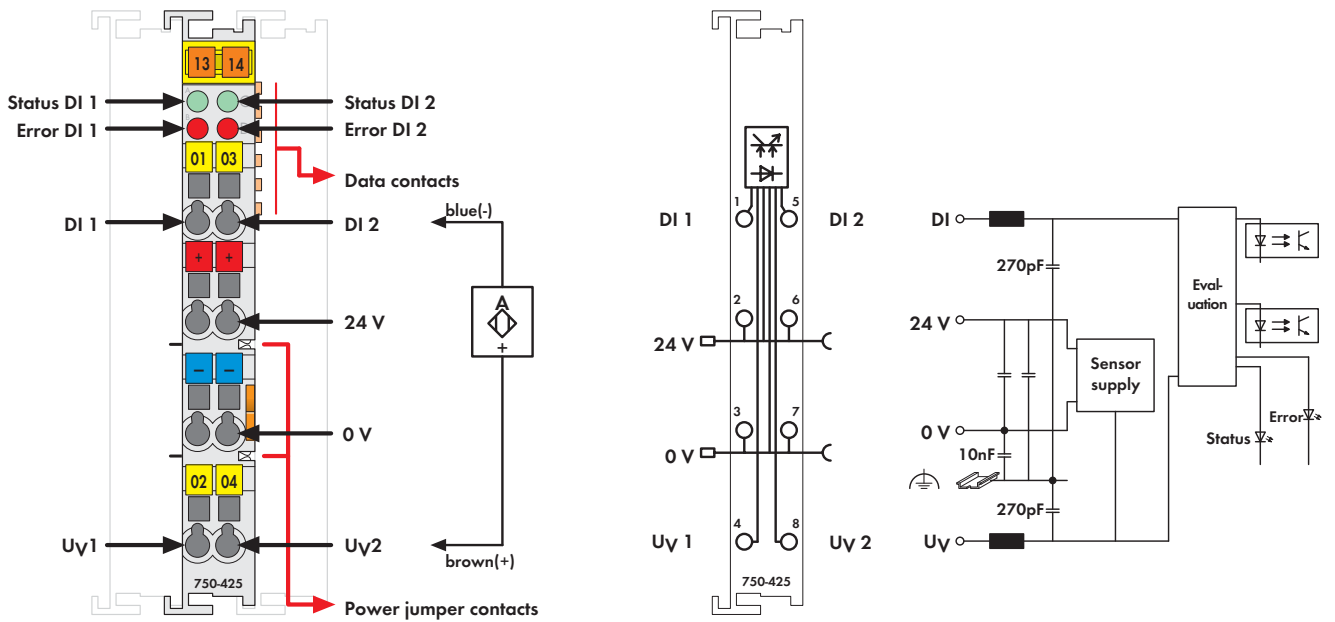


Fig. 750 Series
Delivered without miniature WSB markers







The digital input module receives control signals from NAMUR proximity switches (based on DIN EN 60947-5-6) in the field.

The voltage supply of each channel of the sensors is delivered by a short circuit proof 8.2V voltage source. A short circuit or a line break is indicated in the process image (1 bit) and via the red LED.

The green LED indicates the input status:

- Signal current (0) LED off
- Signal current (1) LED on

Field and system levels are electrically isolated.

| Description | Item No. | Pack. Unit |
|---|---|------------|
| 2DI NAMUR | 750-425 | 1 |
| 2DI NAMUR (without connector) | 753-425 | 1 |
| Accessories | | |
|  753 Series Connectors | 753-110 | 25 |
|  Coding elements | 753-150 | 100 |
| Miniature WSB Quick marking system | | |
|  plain | 248-501 | 5 |
|  with marking | see Section 11 | |
| Approvals | | |
| Conformity marking | CE | |
| Korea Certification |  | |
| Marine applications | ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA | |
| UL 508 |  | |
| ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
| TÜV 12.1297 X (Brasilien) | Ex nA IIC T4 Gc (750-425) | |
| TÜV 07 ATEX 554086 X | I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |
| IECEx TUN 09.0001 X | Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |

| Technical Data | |
|-------------------------------------|---|
| Number of inputs | 2 |
| Current consumption typ. (internal) | 5 mA |
| Voltage via power jumper contacts | 24 VDC (-25 % ... +30 %) |
| Signal current (0) | ≤ 1.2 mA |
| Signal current (1) | ≥ 2.1 mA |
| Input filter | 3.0 ms |
| Switching hysteresis | 0.2 mA |
| Open-circuit voltage | 8.2 VDC |
| Input resistance | 1 kΩ |
| Input pulse duration | ≥ 5 ms |
| Input pulse separation | ≥ 3 ms |
| Short-circuit current | ≤ 8.2 mA |
| Short-circuit monitoring | > 6.5 mA |
| Line break monitoring | < 0.2 mA |
| Sensor supply V_V | 8.2 VDC |
| Isolation | 500 V system/supply |
| Internal bit width | 4 bits in, 2 bits data, 2 bits error (short circuit/line break) |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 51 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |

2-Channel Analog Input Module 0/4-20 mA

Single-ended (S.E.)

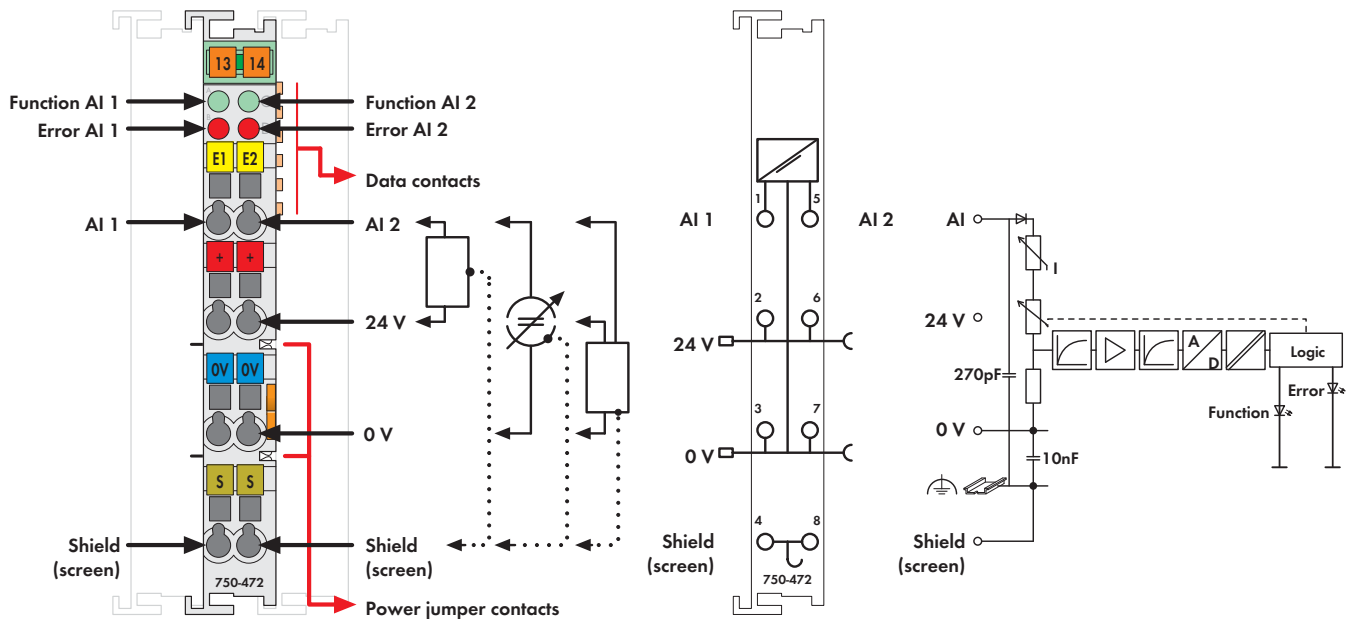


Fig. 750 Series
Delivered without miniature WSB markers




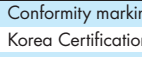




The analog input module is able to provide power to the field device, to receive the transmitted analog signals, and with electrical isolation, to transmit them to the fieldbus.

At approx. 25mA the overload protection switches the measurement input to high resistance state. Under normal operating conditions it is automatically switched back.

The 24V supply for the field is derived from the power jumper contacts.

This input module can supply the voltage for 2-conductor transducers.

The shield (screen) is directly connected to the DIN rail.

| Description | Item No. | Pack. Unit |
|---|---|------------|
| 2AI 0-20mA 16 Bit S.E. | 750-472 | 1 |
| 2AI 4-20mA 16 Bit S.E. | 750-474 | 1 |
| 2AI 0-20mA 16 Bit S.E. S5 ¹⁾ | 750-472/000-200 | 1 |
| 2AI 0-20mA 16 Bit S.E. 60Hz | 750-472/005-000 | 1 |
| 2AI 4-20mA 16 Bit S.E. S5 ¹⁾ | 750-474/000-200 | 1 |
| 2AI 4-20mA 16 Bit S.E. 60Hz | 750-474/005-000 | 1 |
| 2AI 0-20mA 16 Bit, S.E. (without connector) | 753-472 | 1 |
| 2AI 4-20mA 16 Bit, S.E. (without connector) | 753-474 | 1 |
| ¹⁾ Data format for S5 control with FB 251 | | |
| Accessories | Item No. | Pack. Unit |
|  753 Series Connectors | 753-110 | 25 |
|  Coding elements | 753-150 | 100 |
| Miniature WSB Quick marking system | | |
|  plain | 248-501 | 5 |
|  with marking | see Section 11 | |
| Approvals | | |
| Conformity marking | CE | |
| Korea Certification |  | |
| Marine applications (versions upon request) | ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA | |
|  UL 508 | | |
|  ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
| TÜV 12.1297 X (Brasilien) | Ex nA IIC T4 Gc (750-472, -474) | |
|  TÜV 07 ATEX 554086 X | I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |
| IECEx TUN 09.0001 X | Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |

| Technical Data | |
|--|--|
| Number of inputs | 2 |
| Power supply | via system voltage DC/DC |
| Current consumption (internal) | 75 mA |
| Input voltage (max.) | 24V |
| Input voltage | non-linear, overload protected |
| Signal current | 0 - 20mA (750-472 / 753-472) 4 - 20mA (750-474 / 753-474) |
| Input resistance | 220 Ω / 20 mA |
| Overvoltage protection | 30 V polarity reversal protection |
| Resolution | 15 bits |
| Conversion time (typ.) | 80 ms |
| Input filter | 50Hz |
| Noise rejection at sampling frequency | < -100 dB |
| Noise rejection above sampling frequency | < -40 dB |
| Measuring error (25 °C) | < ± 0.1 % of the full scale value |
| Temperature coefficient | < ± 0.01 % / K of the full scale value |
| Isolation | 500 V system/supply |
| Bit width | 2 x 16 bits data 2 x 8 bits control/status (optional) |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm² ... 2.5 mm² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 55.5 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |

2-Channel Digital Output Module 24 V DC

Short-circuit protected; high-side switching

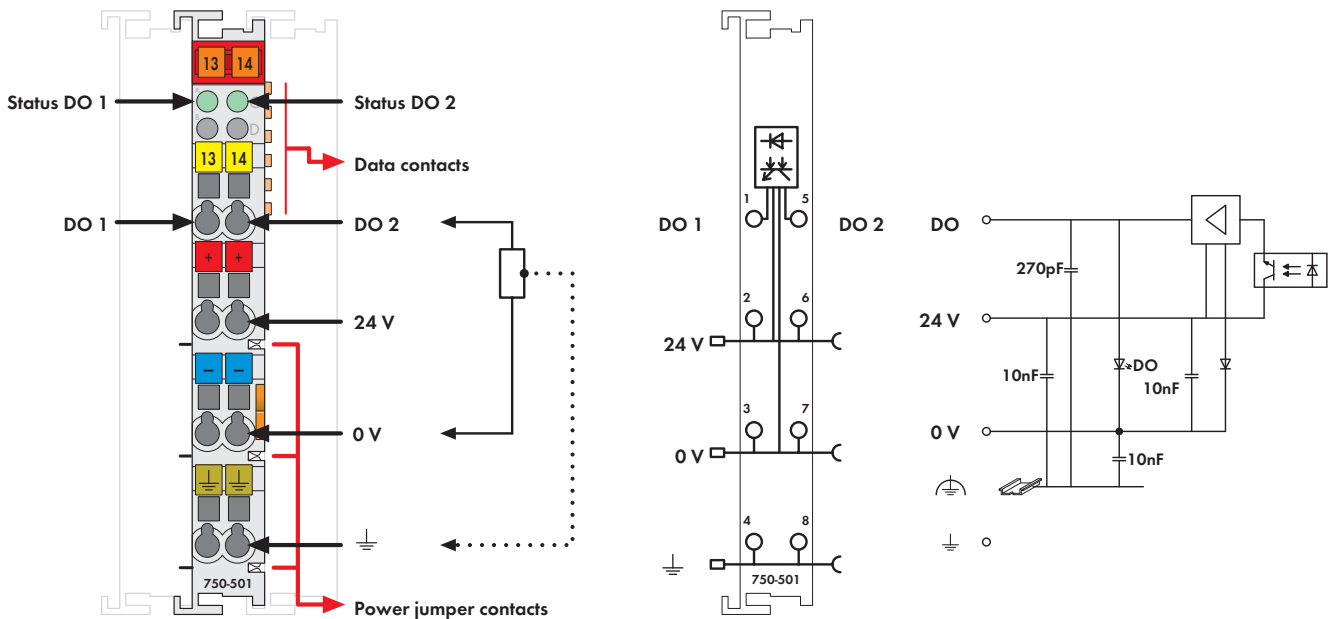










Fig. 750 Series
Delivered without miniature WSB markers

Control signals are transmitted from the automation device to connected actuators via the digital output module.

All outputs are short-circuit proof.

The module is a 4-conductor device and actuators with ground (earth) connection may be directly connected to it.

Field and system levels are electrically isolated.

| Description | Item No. | Pack. Unit |
|--|---|------------|
| 2DO 24V DC 0.5A | 750-501 | 1 |
| 2DO 24V DC 0.5A/R* | 750-501/000-800 | 1 |
| * /R: Interference-free for safety function applications (see manual) | | |
| 2DO 24V DC 0.5A (without connector) | 753-501 | 1 |
| Accessories | | |
|  753 Series Connectors | 753-110 | 25 |
|  Coding elements | 753-150 | 100 |
| Miniature WSB Quick marking system | | |
|  plain | 248-501 | 5 |
|  with marking | see Section 11 | |
| Approvals | | |
| Conformity marking | CE | |
| Korea Certification |  | |
| Marine applications (versions upon request) | ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA | |
|  UL 508 | | |
|  ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
|  TÜV 07 ATEX 554086 X | I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |
| IECEX TUN 09.0001 X | Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |

| Technical Data | |
|---------------------------------------|--|
| No. of outputs | 2 |
| Current consumption (internal) | 3.5 mA |
| Voltage via power jumper contacts | 24 V DC (-25 % ... +30 %) |
| Type of load | resistive, inductive, lamps |
| Max. switching frequency | 5 kHz |
| Output current (max.) | 0.5 A |
| Inductive load switch off energy | |
| dissipation W (max.) | 0.5 J; L max = 2 x W max / I ² |
| Current consumption typ. (field side) | 15 mA / module + charge |
| Isolation | 500 V system/supply |
| Internal bit width | 2 bits |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 47.4 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |

8-Channel Digital Output Module 24 V DC

Short-circuit protected; high-side switching

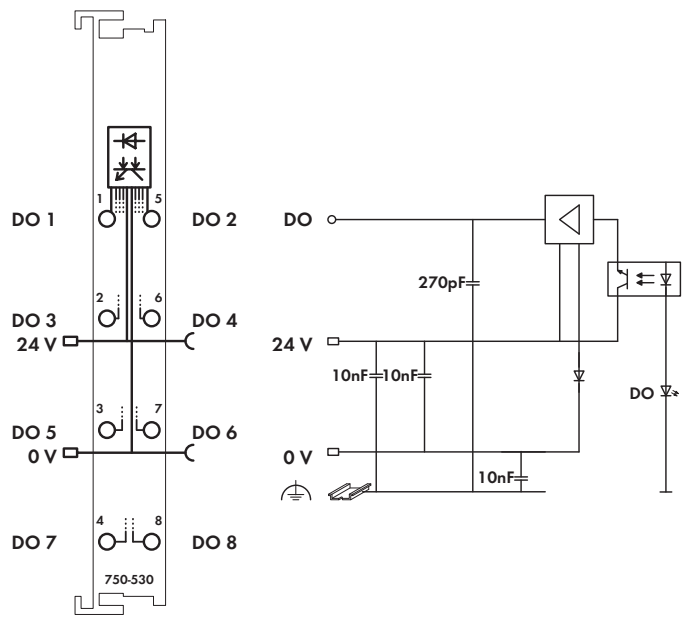
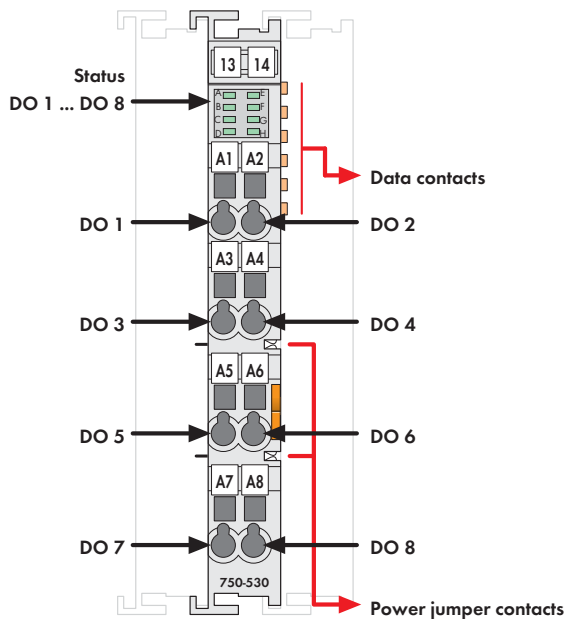





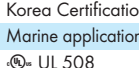
Fig. 750 Series
Delivered without miniature WSB markers

NOTE: Connection point marking (i.e., 1 ... 8) does not refer to channel assignment

The digital output module provides 8 channels at a width of just 12mm (0.47in.).
The connected load is switched via digital output from the control system.

All outputs are short-circuit proof.

Field and system levels are electrically isolated.

| Description | Item No. | Pack. Unit |
|--|---|------------|
| 8DO 24V DC 0.5A | 750-530 | 1 |
| 8DO 24V DC 0.5A/T | 750-530/025-000 | 1 |
| Extended temperature range: -20 °C ... +60 °C | | |
| 8DO 24V DC 0.5A (without connector) | 753-530 | 1 |
| Accessories | | |
|  753 Series Connectors | 753-110 | 25 |
|  Coding elements | 753-150 | 100 |
| Miniature WSB Quick marking system | | |
|  plain | 248-501 | 5 |
|  with marking | see Section 11 | |
| Approvals | | |
| Conformity marking | CE | |
| Korea Certification | KC | |
| Marine applications (versions upon request) | ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA | |
| UL 508 | - | |
| ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
| TUV 12.1297 X (Brasilien) | Ex nA IIC T4 Gc (750-530) | |
| TUV 07 ATEX 554086 X | I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature 0 °C ... +60 °C | | |
| IECEx TUN 09.0001 X | Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature 0 °C ... +60 °C | | |

| Technical Data | |
|---------------------------------------|--|
| No. of outputs | 8 |
| Current consumption (internal) | 25 mA |
| Voltage via power jumper contacts | 24 V DC (-25 % ... +30 %) |
| Type of load | resistive, inductive, lamps |
| Max. switching frequency | 2 kHz |
| Output current (max.) | 0.5 A, short-circuit protected |
| Inductive load switch off energy | |
| dissipation W (max.) | 0.9 J; L max = 2 x W max / I ² |
| Current consumption typ. (field side) | 15 mA + charge |
| Isolation | 500 V system/supply |
| Internal bit width | 8 bits |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 50.7 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |

2-Channel Analog Output Module 0/4-20 mA

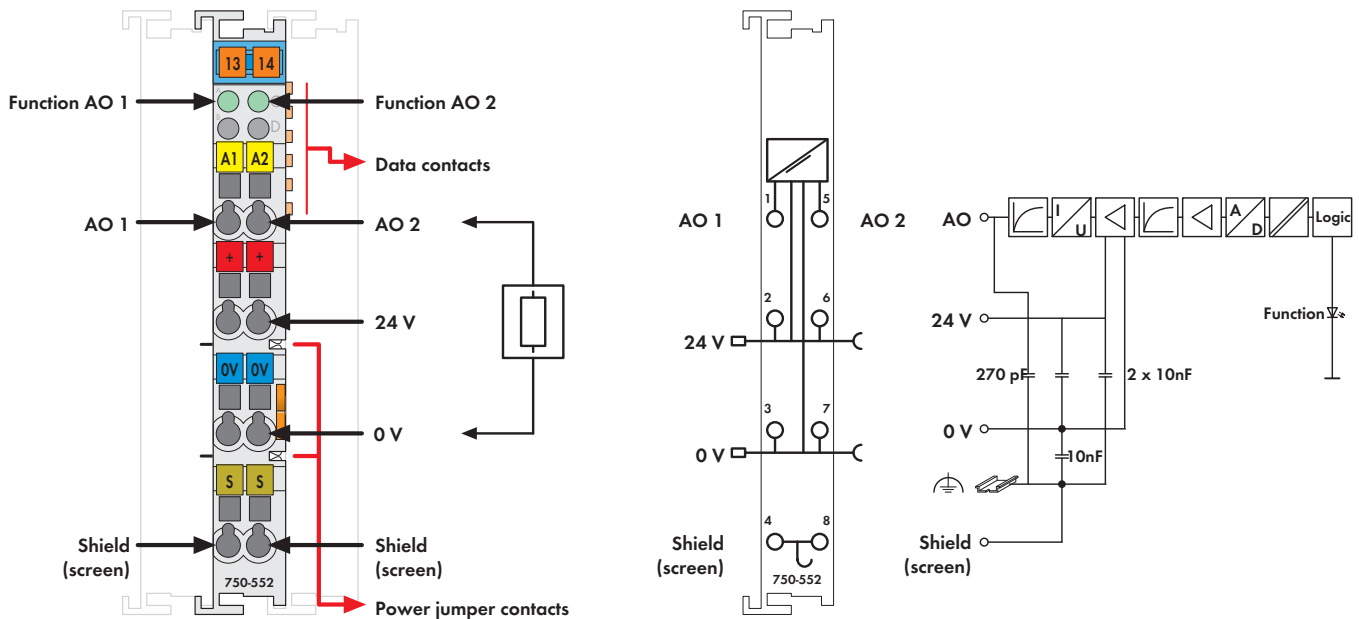


Fig. 750 Series
Delivered without miniature WSB markers

The analog output module creates a standardized signal of 0-20mA or 4-20mA.

The output signal is electrically isolated and will transmit with a 12-bit resolution.

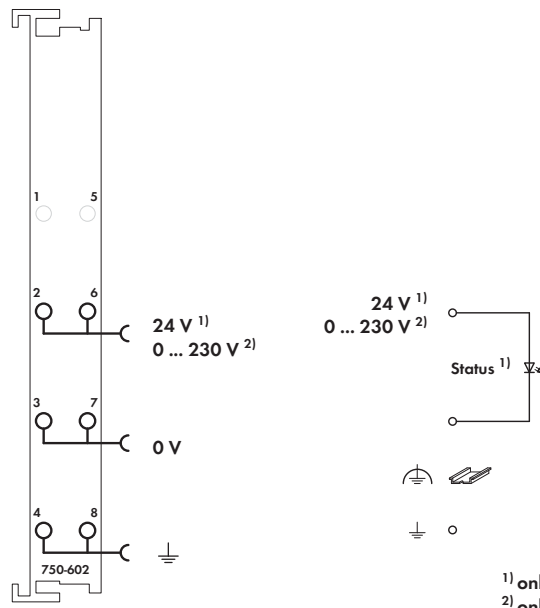
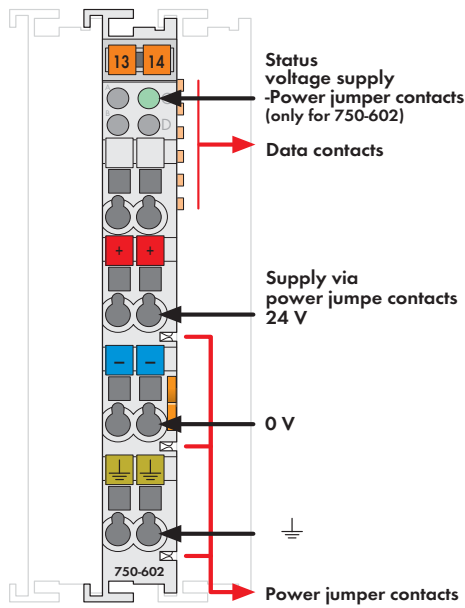
“Current” analog output modules use power derived from the field side (loop powered).

| Description | Item No. | Pack. Unit |
|--|---|------------|
| 2AO 0-20mA | 750-552 | 1 |
| 2AO 4-20mA | 750-554 | 1 |
| 2AO 0-20mA/S5 ¹⁾ | 750-552/000-200 | 1 |
| 2AO 0-20mA/T | 750-552/025-000 | 1 |
| Extended temperature range: -20 °C ... +60 °C | | |
| 2AO 4-20mA/S5 ¹⁾ | 750-554/000-200 | 1 |
| 2AO 4-20mA/T | 750-554/025-000 | 1 |
| Extended temperature range: -20 °C ... +60 °C | | |
| 2AO 0-20mA (without connector) | 753-552 | 1 |
| 2AO 4-20mA (without connector) | 753-554 | 1 |
| ¹⁾ Data format for S5 control with FB 251 | | |
| Accessories | Item No. | Pack. Unit |
| 753 Series Connectors | 753-110 | 25 |
| Coding elements | 753-150 | 100 |
| Miniature WSB Quick marking system | | |
| plain | 248-501 | 5 |
| with marking | see Section 11 | |
| Approvals | | |
| Conformity marking | CE | |
| Korea Certification | | |
| Marine applications (versions upon request) | ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA | |
| UL 508 | | |
| ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
| TÜV 07 ATEX 554086 X | I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature 0 °C ... +60 °C | | |
| IECEX TUN 09.0001 X | Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature 0 °C ... +60 °C | | |

| Technical Data | |
|-------------------------------------|---|
| No. of outputs | 2 |
| Current consumption typ. (internal) | 70 mA |
| Voltage via power jumper contacts | 24 V DC (-25 % ... +30 %) |
| Signal current | 0 - 20mA (750-552 / 753-552) 4 - 20mA (750-554 / 753-554) |
| Load impedance | < 600 Ω |
| Linearity | ± 10 µA |
| Resolution | 12 bits |
| Conversion time | approx. 2 ms |
| Measuring error (25 °C) | < ± 0.1 % of the full scale value |
| Temperature coefficient | < ± 0.01 % /K of the full scale value (750-552 / 753-552) < ± 0,015 % /K of the full scale value (750-554 / 753-554) |
| Isolation | 500 V system/supply |
| Bit width | 2 x 16 bits data 2 x 8 bits control/status (option) |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm² ... 2.5 mm² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 51 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |

Supply Module 24 V DC / 230 V AC/DC

passive






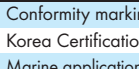




¹⁾ only for 750-602
²⁾ only for 750-612

Delivered without miniature WSB markers

The supply module provides field side power through the power jumper contacts.

Maximum available supply current to all connected modules is 10A.

Should higher currents be necessary, intermediate supply modules must be added to the assembly. Supply modules may also be used to change the supply voltage to certain I/O modules within the assembly - on one fieldbus node.

| Description | Item No. | Pack. Unit |
|--|---|------------|
| 24V DC Power Supply | 750-602 | 1 |
| 24V DC Power Supply/T | 750-602/025-000 | 1 |
| Extended temperature range: -20 °C ... +60 °C | | |
| 0-230V AC/DC Power Supply | 750-612 | 1 |
| 24V DC Power Supply (without connector) | 753-602 | 1 |
| 0-230V AC/DC Power Supply (without connector) | 753-612 | 1 |
| Accessories | Item No. | Pack. Unit |
|  753 Series Connectors | 753-110 | 25 |
|  Coding elements | 753-150 | 100 |
| Miniature WSB Quick marking system | | |
|  plain | 248-501 | 5 |
|  with marking | see Section 11 | |
| Approvals | | |
| Conformity marking | CE | |
| Korea Certification |  | |
| Marine applications (versions upon request) | ABS, BV ¹⁾ , DNV, GL, KR, LR ¹⁾ , NKK, PRS, RINA | |
|  UL 508 | | |
|  ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
|  TÜV 07 ATEX 554086 X | I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |
| IECEX TUN 09.0001 X | Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc | |
| Permissible ambient temperature | 0 °C ... +60 °C | |
| ¹⁾ Does not apply to 753-602, -612 | | |

| Technical Data | |
|--|---|
| Voltage via power jumper contacts (max.) | 24 V DC (750-602 / 753-602) 0 V ... 230 V AC/DC (750-612 / 753-612) |
| Current via power jumper contacts (max.) | 10 A DC |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14 |
| Strip lengths | 8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 44.2 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |

