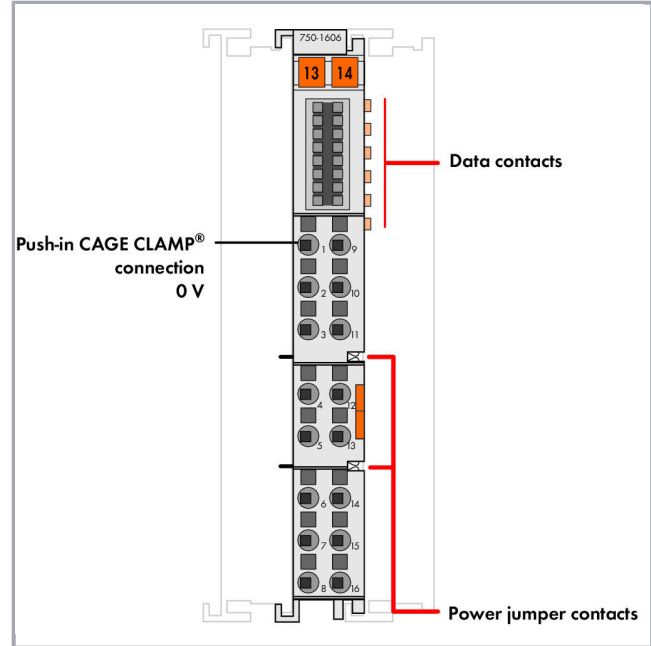
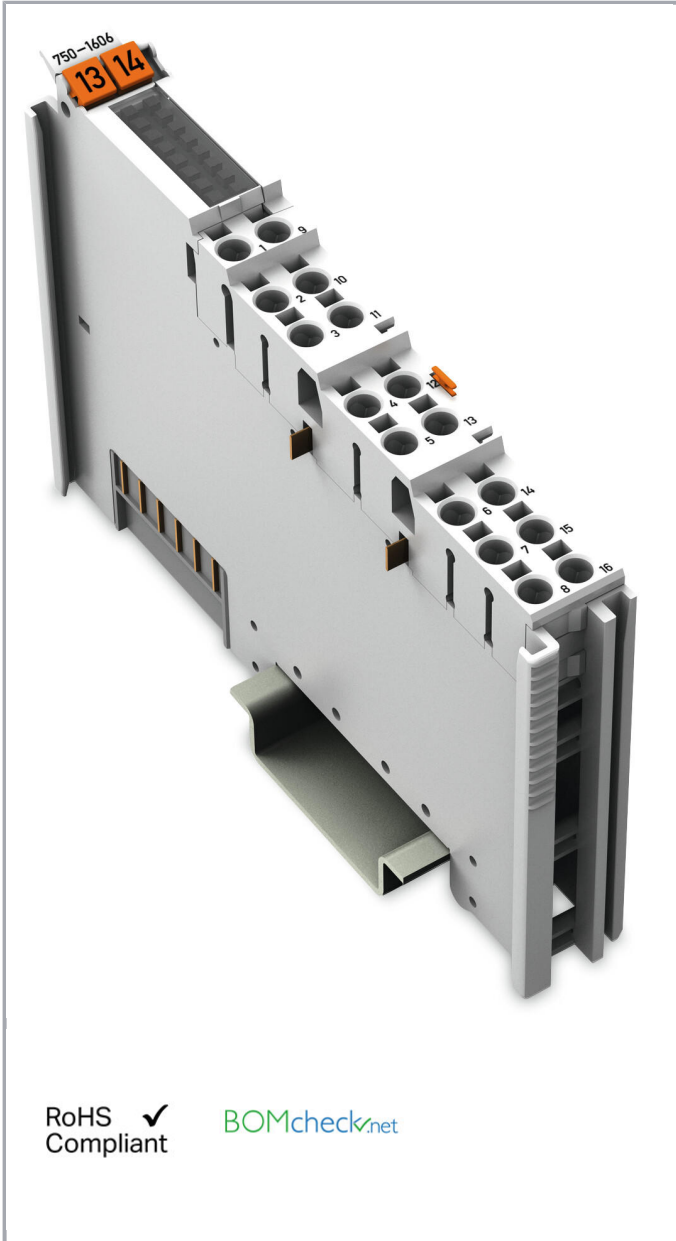


## Data sheet | Item number: 750-1606

Potential Distribution; 16-way, 0 V; -

[www.wago.com/750-1606](http://www.wago.com/750-1606)

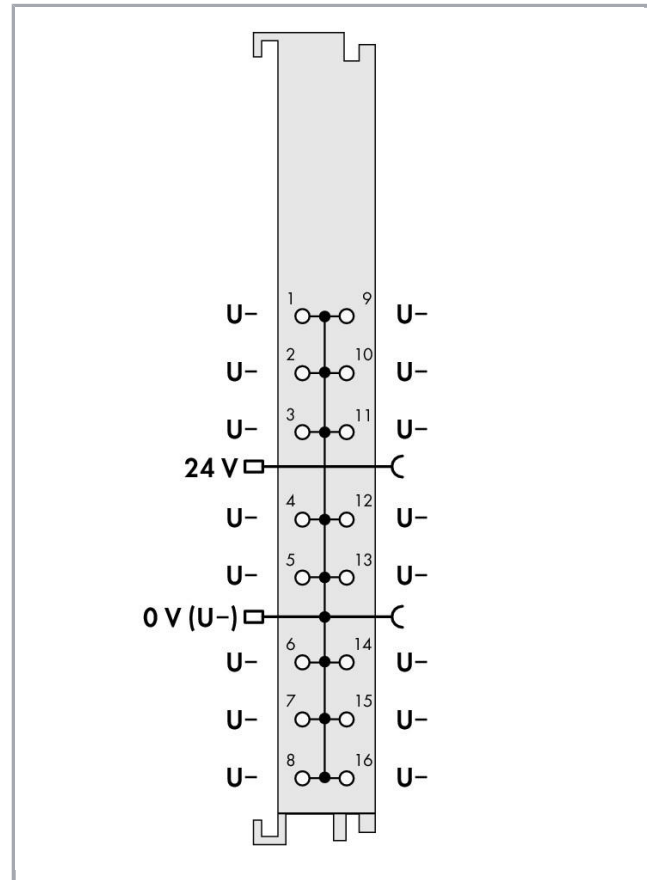
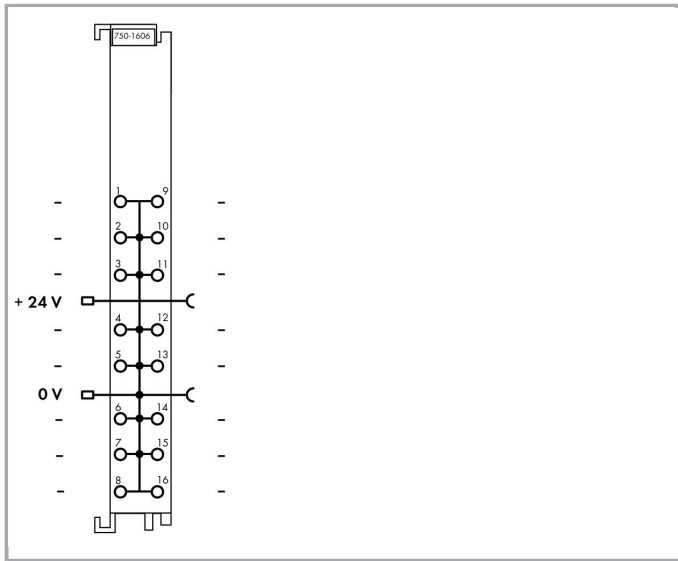
RoHS   
Compliant

 BOMcheck.net

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**Data sheet | Item number: 750-1606**[www.wago.com/750-1606](http://www.wago.com/750-1606)**Item description**

This field-side connection module provides 0 V to the outputs in combination with the 750-1504 16-Channel Output Module (also suitable for 8-channel output modules with a single wire connection).

This eliminates the need for additional DIN-rail-mount terminal blocks.

The 24 V supply and 0 V potential are derived from the internal power jumper contacts of an adjacent upstream I/O module. A connection of the potentials to the downstream I/O modules is made automatically via the power jumper contacts when snapping the I/O modules together. The 0 V power is provided to all sixteen field-side Push-in CAGE CLAMP® connections and the 24 V potential passed through without being used by the module.

An operating tool with a 2.5 mm blade (210-719) is required to open the Push-in CAGE CLAMP® connections.

**Data****Technical Data**

Signal type	Voltage
Voltage signal type	DC 0 V

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**Data sheet | Item number: 750-1606**[www.wago.com/750-1606](http://www.wago.com/750-1606)

Supply voltage (system)	DC 5 V; via data contacts
Supply voltage (field)	DC 24 V (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)
Number of incoming power jumper contacts	2
Number of outgoing power jumper contacts	2
Current carrying capacity (power jumper contacts)	10 A

**Connection data**

Connection technology: field supply	16 x CAGE CLAMP®
Connection type (1)	Field supply
Solid conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG
Fine-stranded conductor	0.25 ... 1.5 mm <sup>2</sup> / 22 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch

**Geometrical Data**

Width	12 mm / 0.472 inch
Height	100 mm / 3.937 inch
Depth	69 mm / 2.717 inch
Depth from upper edge of DIN-rail	61.8 mm / 2.433 inch

**Mechanical data**

Mounting type	DIN-35 rail
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**Material Data**

Housing material	Polycarbonate, polyamide 6.6
Fire load	0.912 MJ
Weight	42 g
Conformity marking	CE

**Environmental Requirements**

Surrounding air temperature (operation)	0 ... 55 °C
Surrounding air temperature (storage)	-40 ... 85 °C
Protection type	IP20
Pollution degree (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m
Mounting position	horizontal (standing/lying); vertical

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**Data sheet | Item number: 750-1606**[www.wago.com/750-1606](http://www.wago.com/750-1606)

Relative humidity (without condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-3, marine applications
Exposure to pollutants	Per IEC 60068-2-42 and IEC 60068-2-43
Permissible H <sub>2</sub> S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO <sub>2</sub> contaminant concentration at a relative humidity 75 %	25 ppm

**Commercial data**

Product Group	15 (Remote I/O)
Packaging type	BOX
Country of origin	DE
GTIN	4050821085676
Customs tariff number	85389091890

**Approvals / Certificates****Ex-Approvals**

Logo	Approval	Additional Approval Text	Certificate name
	<b>ATEX</b> TUEV Nord Cert GmbH	EN 60079-0	TÜV 07 ATEX 554086 X en.
	<b>TUEV Nord</b> TUEV Nord Cert GmbH	IEC 60079-0	IECEX TUN 09.0001 X
	<b>UL</b> Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1

**Country specific Approvals**

Logo	Approval	Additional Approval Text	Certificate name
	<b>KC</b> National Radio Research Agency	Article 58-2, Clause 3	MSIP- REM-W43-

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Data sheet | Item number: 750-1606

[www.wago.com/750-1606](http://www.wago.com/750-1606)

FSC750



## Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	-	19- HG1821926
	<b>BV</b> Bureau Veritas S.A.	-	30389/B0 BV
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAA0000194
	<b>KR</b> Korean Register of Shipping	-	KR HMB05880- AC001
	<b>LR</b> Lloyds Register	-	02/20026 (E6)
	<b>NK</b> Nippon Kaiji Kyokai	-	TA17255M
	<b>PRS</b> Polski Rejestr Statków	-	TE/2236 /880590/19
	<b>RINA</b> RINA Germany GmbH	-	ELE066419XG

## UL-Approvals


Certificate

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**Data sheet | Item number: 750-1606**[www.wago.com/750-1606](http://www.wago.com/750-1606)

Logo	Approval	Additional Approval Text	name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.1

**Product family****750/753 Series – I/O System**[Show all products from the family](#)

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