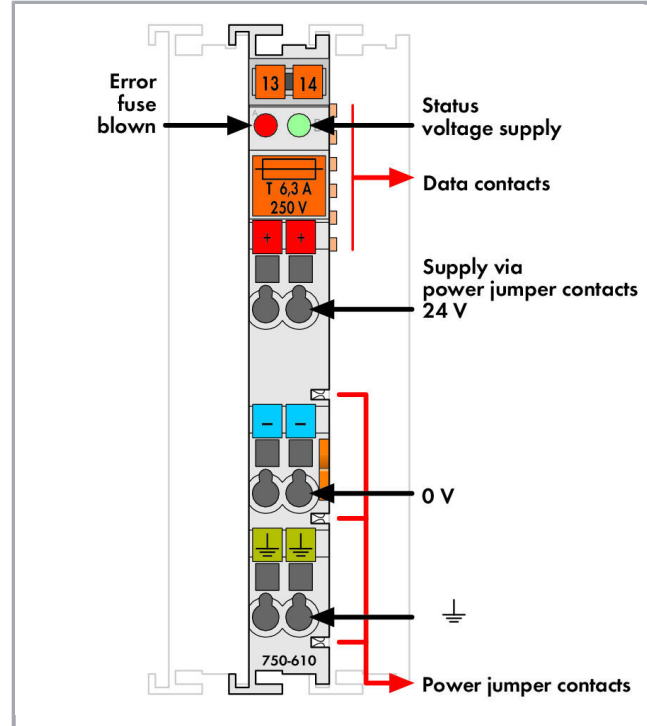


**Data sheet | Item number: 750-610**  
**Power Supply; 24 VDC; fuse holder; Diagnostics**

[www.wago.com/750-610](http://www.wago.com/750-610)

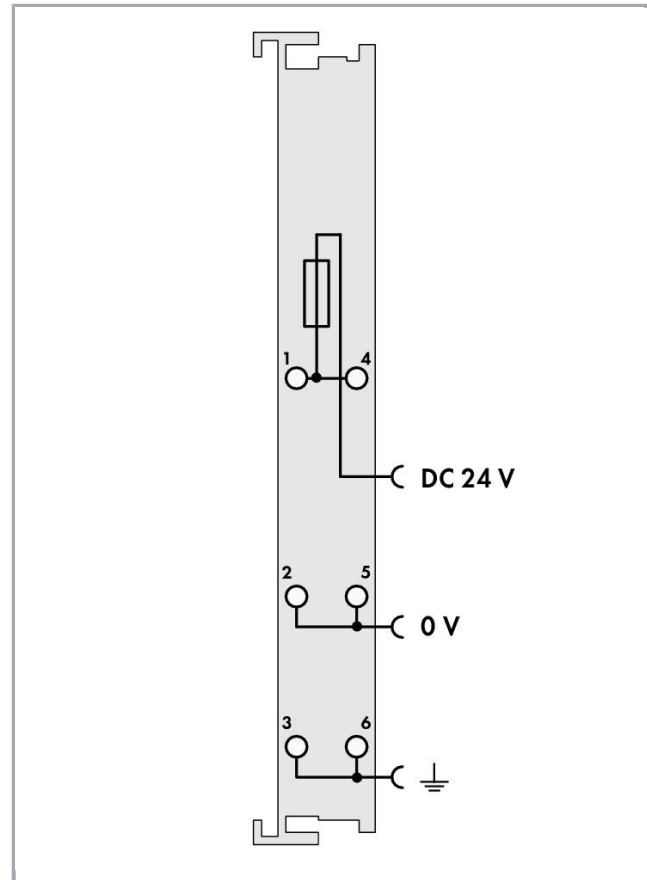
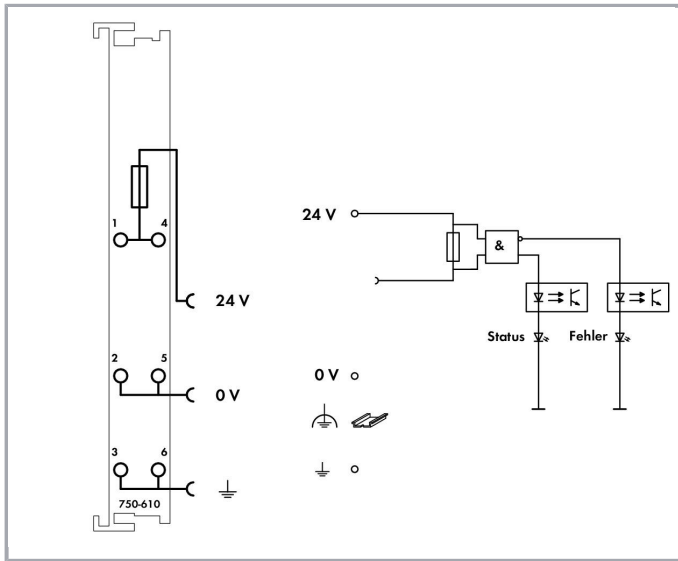


RoHS  Compliant [BOMcheck.net](http://BOMcheck.net)

Subject to changes. Please also observe the further product documentation!

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**Data sheet | Item number: 750-610**[www.wago.com/750-610](http://www.wago.com/750-610)**Item description**

This supply module provides the I/O modules with the corresponding supply potential.

The maximum current provided by the supply module is 6.3 A. When configuring the system, the total current must not be exceeded. Should higher currents be necessary, an intermediate supply module must be added to the assembly.

This module is fuse-protected (5 x 20 mm). The fuse can be changed quickly, with ease, from the retractable fuse carrier.

A blown fuse and the status of the supply voltage are indicated via LEDs.

The I/O module sends information about the status of the supply module to the fieldbus coupler through two input bits. One bit is for the status of the fuse. The other bit is for the status of the supply voltage

**Data****Technical Data**

Signal type	Voltage
Voltage signal type	DC 24 V
Diagnostics	Supply voltage (field): Detection "on" at > 15 VDC; Detection "off" at

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**Data sheet | Item number: 750-610**[www.wago.com/750-610](http://www.wago.com/750-610)

	< 5 VDC
Fuse	5 x 20; T 6.3 A (not included)
Data width	2 bits (1-bit current monitoring, 1-bit fuse fault)
Supply voltage (system)	DC 5 V; via data contacts
Power consumption (5 V system supply)	5 mA
Supply voltage (field)	DC 24 V (-25 ... +30 %); via power jumper contacts (power supply via CAGE CLAMP® connection; transmission via spring contact)
Number of outgoing power jumper contacts	3
Current carrying capacity (power jumper contacts)	6.3 A

**Connection data**

Connection technology: field supply	6 x CAGE CLAMP®
Connection type (1)	Field supply
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 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	69.8 mm / 2.748 inch
Depth from upper edge of DIN-rail	62.6 mm / 2.465 inch

**Mechanical data**

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

Housing material	Polycarbonate, polyamide 6.6
Fire load	1.163 MJ
Weight	46.8 g
Conformity marking	CE

**Environmental Requirements**

Surrounding air temperature (operation)	0 ... 55 °C
Surrounding air temperature (storage)	-40 ... 85 °C
Protection type	IP20

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**Data sheet | Item number: 750-610**[www.wago.com/750-610](http://www.wago.com/750-610)

Pollution degree (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m
Mounting position	horizontal (standing/lying); vertical
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 61000-6-4, 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	4045454396145
Customs tariff number	85389091890

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

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

**Country specific Approvals**


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## Data sheet | Item number: 750-610

[www.wago.com/750-610](http://www.wago.com/750-610)

Logo	Approval	Additional Approval Text	Certificate name
	<b>KC</b> National Radio Research Agency	Article 58-2, Clause 3	MSIP- REM-W43- SPP750

## 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.	-	13453/DO BV
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAA0000194
	<b>LR</b> Lloyds Register	-	02/20026 (E6)
	<b>PRS</b> Polski Rejestr Statków	-	TE/2236 /880590/19
	<b>RINA</b> RINA Germany GmbH	-	ELE066419XG

## Product family

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

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