

**Data sheet | Item number: 750-627****Bus Extension End Module**<https://www.wago.com/750-627>

The 750-627 End Module for Internal Data Bus Extension is snapped onto the DIN-rail at the end of the module assembly like the standard 750-600 End Module. The assembly is terminated with the module, to which a connecting cable can be attached with an RJ-45 connector.

Power to the internal electronics is supplied via internal data bus. One end module and at least one 750-628 Coupler Module for Internal Data Bus Extension are an operative unit. The fieldbus coupler/controller performs all diagnostic and commissioning tasks.

**Installation note (NOTICE):**

In order to guarantee safe operating conditions when using the 750-627/-628 Coupler Modules for Internal Data Bus Extension, these must be registered prior to startup with the couplers or PLCs (refer to manual for supported couplers/PLCs). You must use the WAGO Extension Setting Software for this

(Download: [www.wago.com](http://www.wago.com)).

Please complete the manufacturing number matrix on the right-hand side of the couplers when updating the firmware and internal operating parameters.

**Technical data**

Device-specific	Number of coupler modules: up to 10; Distance (max.): 5 m (10 m see manual); (end/coupler modules or coupler/coupler modules)
Transmission medium	Shielded copper cable (ETHERNET patch cable); 4 x 2 x 0.25 mm <sup>2</sup> , twisted pair, double shielding, STP (Shielded Twisted-Pair)
Supply voltage (system)	5 VDC; via data contacts
Current consumption (5 V system supply)	70 mA
Isolation	500 V system/field

**Connection data**

Connection technology: communication/fieldbus	Local data bus: 1 x RJ-45
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**Physical data**

Width	24 mm / 0.945 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**

Color	light gray
Housing material	Polycarbonate; polyamide 6.6
Fire load	0.085 MJ
Weight	45.2 g
Conformity marking	CE

### Environmental requirements

Ambient 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 / 0 ... 6562 ft
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

### Approvals / Certificates

#### Ex-Approvals



Approval	Standard	Certificate name
EAC Brjansker Zertifizierungs- stelle	TP TC 012/2011	EAC RU C-DE.AM02. B.00163/19 (2Ex nA IIC T4 Gc X)

#### Country specific Approvals



Approval	Standard	Certificate name
EAC Brjansker Zertifizierungs- stelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19
KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-IDE750

#### Ship Approvals



Approval	Standard	Certificate name
BV Bureau Veritas S.A.	-	30389/B1 BV
RINA RINA Germany GmbH	-	ELE150716XG

#### UL-Approvals



Approval	Standard	Certificate name
UL UL International Nether- lands B.V. (ORDINARY LO- CATIONS)	UL 508	E175199 Sec.1

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

Current addresses can be found at: [www.wago.com](https://www.wago.com)



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