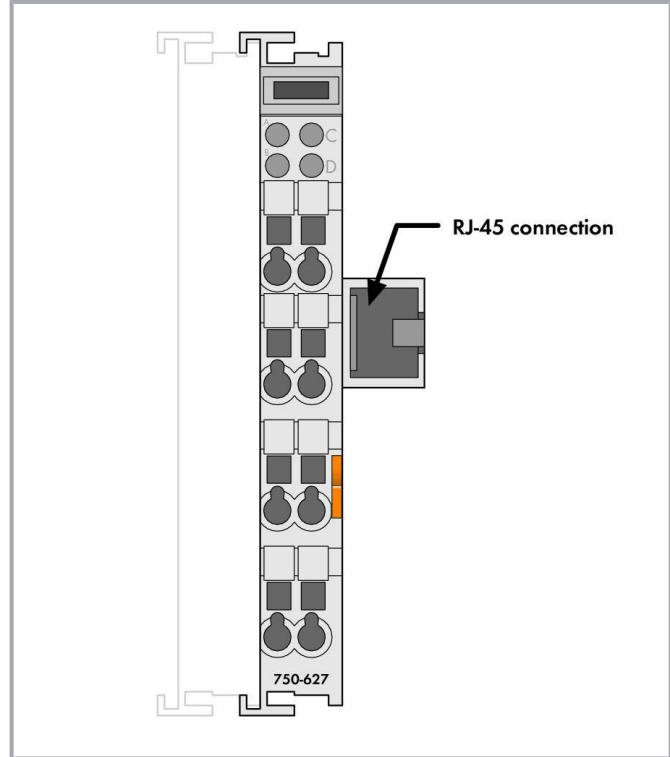
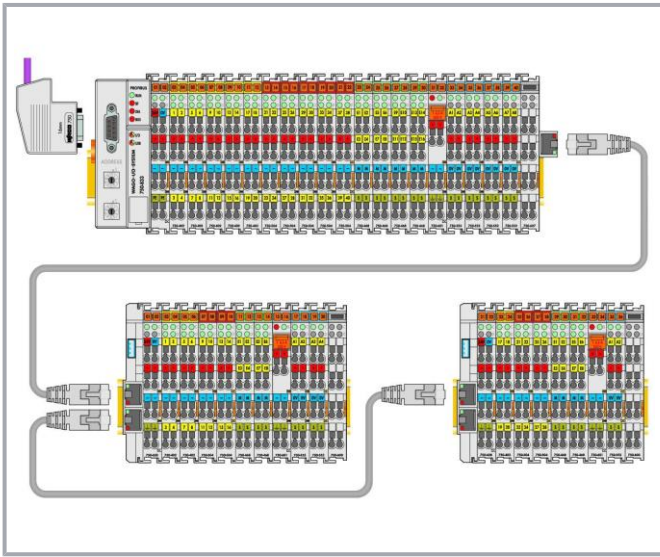


Data sheet | Item number: w750-627

Bus Extension End Module

<https://domat-int.com/en/downloads/data-sheets>





Item description

The w750-627 End Module for Internal Data Bus Extension is snapped onto the DIN-rail at the end of the module assembly like the standard w750-600 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 w750-628 Coupler Module for Internal Data Bus Extension are an operative unit. The fieldbus coupler/controller performs all diagnostic and commissioning tasks.

Data

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 × 2 × 0.25 mm ² , twisted pair, double shielding STP (Shielded Twisted-Pair)
Supply voltage (system)	5 V DC; via data contacts
Power consumption (5 V system supply)	70 mA
Isolation	500 V system/field

Connection data

Connection technology: communication/fieldbus	Local data bus: 1 × 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


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
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 ₂ S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO ₂ contaminant concentration at a relative humidity 75 %	25 ppm

Commercial data


Product Group	15 (Remote I/O)
PU (SPU)	1 piece
Packaging type	box
Country of origin	DE
GTIN	4045454901264
Customs tariff number	85389091890

Approvals / Certificates



Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	EAC RU CDE.AM02. B.00163 /19


Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	KC National Radio Research Agency A.	Article 58-2, Clause 3	MSIP REMW43IDE750

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	BV Bureau Veritas S.A.	-	30389/B0 BV
	RINA RINA Germany GmbH	-	ELE150716XG

UL-Approvals

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

Subject to changes.

Domat control system

WAGO Kontakttechnik GmbH & Co. KG (manufacturer)

Do you have any questions about our products?

We are always happy to take your call at +420 461 100 666.