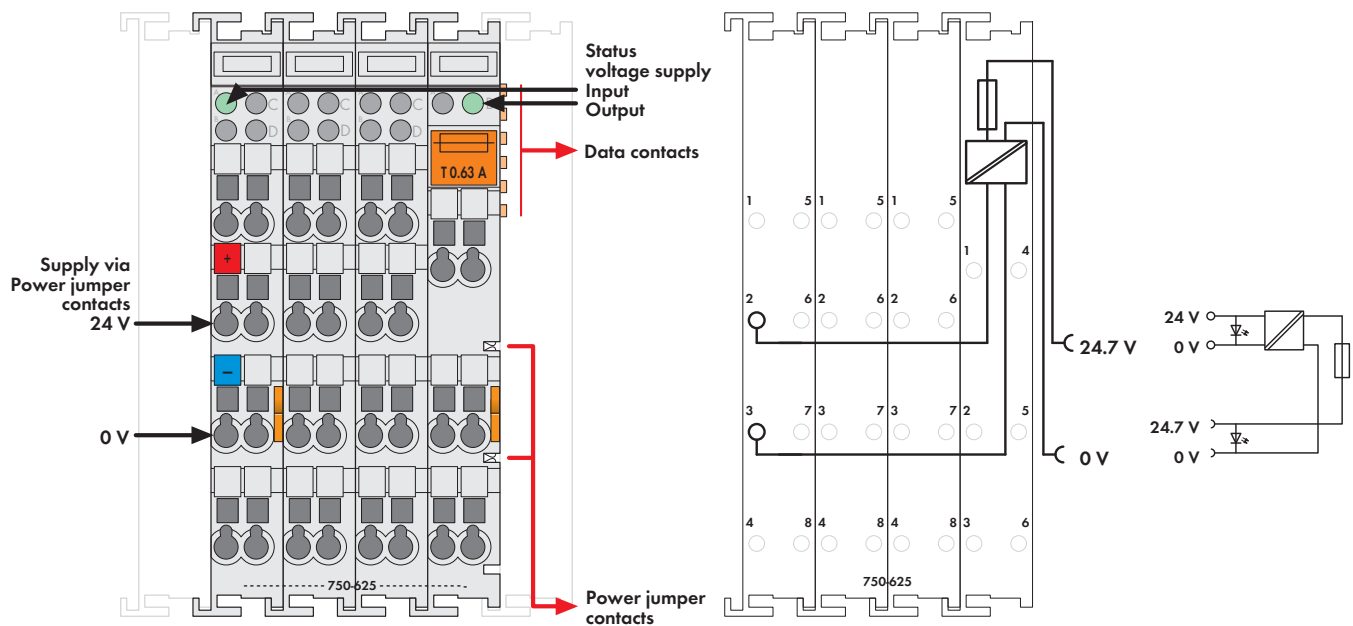


Supply Module DC 24 V Ex i

with fuse carrier



Delivery without Mini WSB marker

This supply module provides power for the intrinsically safe I/O modules 750-435, -438, -481/003-000, -485, -535 and -585. Furthermore, the module separates the intrinsically safe and non-intrinsically safe section of the node.

Maximum supply current available to all connected modules is 500 mA. Should higher currents be necessary, intermediate supply modules must be added in the assembly.

Note:

In this case, four 750-616 Separation Modules must be placed between the intrinsically safe sections. This module is fuse-protected. The fuse can be inserted or changed by pulling out the fuse carrier.

Indicators:

- Green LED (supply voltage input/output)

Input and output side are electrically isolated from each other.

General information (e.g. installation regulations) on explosion protection is available in the WAGO-I/O-SYSTEM 750 manuals!

Description	Item no.	Pack. unit	
24V DC Power Supply Ex i	750-625	1	
Accessories	Item no.	Pack. unit	
Miniature WSB quick marking system,			
	plain	248-501	5
	with marking	see pages 256 ... 257	
Explosion Protection			
Ex directive	94 / 9 / EG; EN 50014, EN 50020, EN 60079-0, EN 60079-15		
Marking	Ⓔ II 3 GD Ex nA II T4		
Safety data	Input: V _M = 253 V; Output : V ₀ = 27.3 V		
Standards, Guidelines and Approvals			
EC EMC guideline	89 / 336 / EWG		
EC low voltage guideline	73 / 23 / EWG		
Ⓔ EN 50020	Ⓔ II 3 G Ex nA II T4		
Conformity marking	CE		
UL 508			
Ⓔ EN 60079-15	I M2 / II 3 GD Ex nA IIC T4		
Marine applications	see "Approvals Overview" in section 1		

Technical Data	
Max. nominal output voltage via power jumper contacts	DC 24.7 V
Current via power jumper contacts (max.)	DC 0.5 A
Input voltage	DC 20.4 V ... 28.8 V
Power consumption P (max.)	18 W
Power loss P_v	5.5 W
Fuse	5 x 20; T 630 mA; melting integral $\leq 5.1 \text{ A}^2\text{S}$
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Width	48 mm
Weight	48.5 g
EMC CE-Immunity to interference	acc. to EN 61000-6-2 (1999)
EMC CE-Emission of interference	acc. to EN 61000-6-4 (2002)
EMC marine applications - Immunity to interference	acc. to Germanischer Lloyd (2003)
EMC marine applications - Emission of interference	acc. to Germanischer Lloyd (2003)