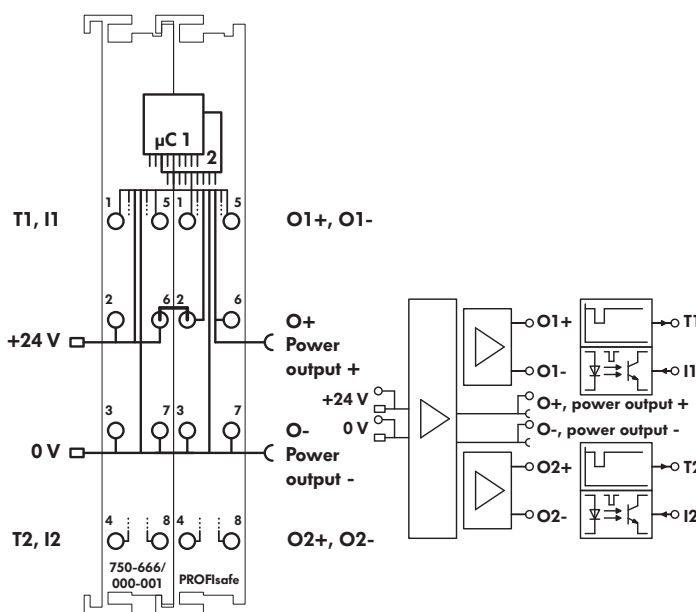
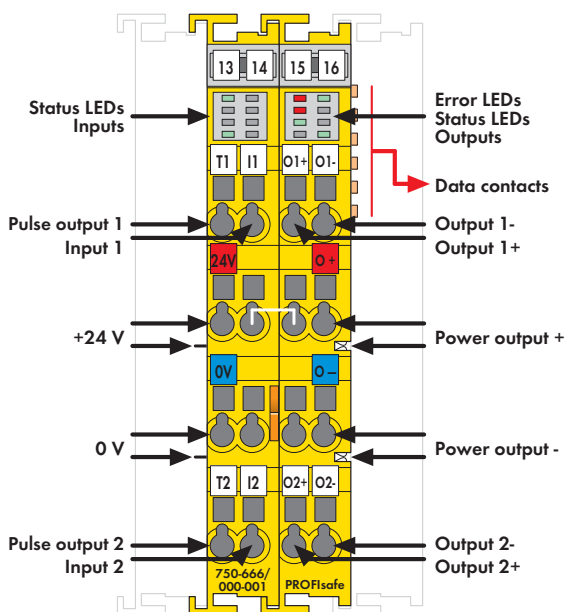


Power Switch Module PROFIsafe V1.3



Delivery without Mini WSB marker

The 750-666/000-001 PROFIsafe Power Switch Module is used to switch off several 24V output modules that are combined in one safety area according to safety category KAT. 3 (EN 954-1). The supply voltage (supplied via power jumper contacts) for all digital output modules located to the immediate right of this module can be switched off safely using this module's power output (O, max. 10A). Additionally, the 750-666/000-001 Module has two power outputs (O1, O2, max. 1A altogether) and two pulse inputs (I1, I2). The two pulse inputs are supplied by 2 corresponding pulse outputs (T1, T2). The pulse outputs are short circuit proof. The inputs are constantly monitored for short circuits and voltage supply from separate sources.

Green LEDs for each of the 2 input channels and for the 3 output channels indicates the signal state, 2 red LEDs indicate internal or external errors. The address switch at the side of the module is used to set the PROFIsafe address. The fieldside and internal system are electrically isolated. The maximum current via the power jumper contacts is 10A. Reference the product manual for further information.

Description	Item no.	Pack. unit
1FDO 10A/2FDO 0,5A/2FDI 24V DC PROFIsafe V1.3	750-666/000-001	1
Accessories		
Miniature WSB quick marking system,		
plain	248-501	5
with marking	see pages 256 ... 257	
Standards and Approvals		
Series 750		
Basic standard safety applications	IEC 61508, EN 954-1	
Conformity marking	CE	

Technical Data	
Inputs	I1, I2; pulse inputs (T1, T2)
Achievable safety classes	2 x Kat. 2/SIL 2 or 1 x Kat 4/SIL 3
Outputs	O: power output for the supply of following I/O modules; O1, O2: power outputs for actuators
Achievable safety classes	1 x Cat. 2/SIL 2 or 1 x Cat. 3/SIL 2; 2 x Cat. 2/SIL 2 or 1 x Cat. 4/SIL 3
Voltage via power jumper contacts	DC 24 V (-15 % ... +20 %)
Current via power jumper contacts (max.)	DC 10 A
Reactance (max.)	capacitive reactance 5nF; inductive reactance (on request)
Response times (min ... max) Inputs	t _{on} (H>L) = on request t _{off} (H>L) = on request plus 2 x runtime internal bus plus 2 x runtime coupler - PLC plus runtime PLC
Response times (max.) Outputs	t _{on} (H>L) = on request t _{off} (H>L) = on request plus 2 x runtime internal bus plus 2 x runtime coupler - PLC plus runtime PLC
Proof test interval	10 years
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Width	24 mm
Weight	95 g
EMC CE-Immunity to interference	acc. to EN 61000-6-2 (2001)
EMC CE-Emission of interference	acc. to EN 61000-6-3 (2001)