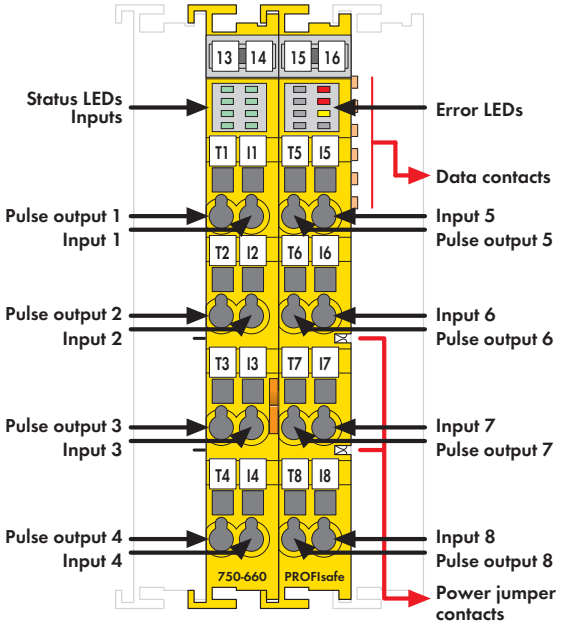
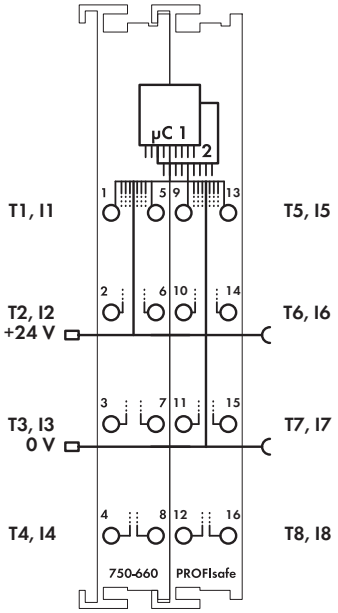
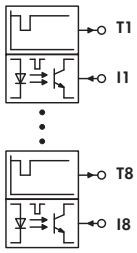
750-660/000-001

8-Channel Digital Input Module PROFIsafe V1.3







Delivered without miniature WSB markers

Emergency stop buttons, limit sensors, safety interlock switches and other safety sensors with contacts can be operated with the PROFIsafe input module 750-660/000-001.

The modules have 8 clock sensitive inputs (I1 ... I8) that are fed by 8 differently clocked outputs (T1 ... T8).

clock outputs are short-circuit protected. Inputs are continually monitored for cross circuits and voltage supply from separate sources.

The associated LED for each of the 8 input channels indicates the signal state. Two red LEDs also indicate internal or external errors.

The PROFIsafe address can be set using the code switch located on the side.

An optocoupler provides electrical isolation between the bus and the field side.

Individual I/O modules can be arranged in any combination when configuring the fieldbus node. An arrangement in groups is not necessary.

Reference the product manual for further information.

When implementing new installations, please consider PROFIsafe V2 iPar 750-662/000-003 8-Channel Digital Input Safety Module.

Description	Item No.	Pack. Unit
8FDI 24V DC PROFIsafe V1.3	**750-660/000-001**	1

Accessories		Item No.	Pack. Unit
Miniature WSB Quick marking system			
	plain	**248-501**	5
	with marking	see Section 11	

Standards and Approvals

Basic standard safety applications	IEC 61508, parts 1-7, 1998 und 2000; EN 954-1 Cat. 4
Conformity marking	CE
Korea Certification	
UL 508	
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4
TÜV 07 ATEX 554086 X	I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc
IECEx TUN 09.0001 X	Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc

Technical Data

Inputs	I1 ... I8; pulse inputs
Achievable safety classes	8 x Cat. 2/SIL 2 or 4 x Cat. 4/SIL 3
Outputs	T1 ... T8: 8 pulse outputs, short circuit proof
Voltage via power jumper contacts	24 V DC (-15 % ... +20 %)
Current via power jumper contacts (max.)	10 A DC
Response times (min ... max)	t_{on} (H->L) = 13 ms ... 71 ms
	t_{off} (H->L) = 13 ms ... 26 ms
	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
Strip lengths	8 ... 9 mm / 0.33 in
Width	24 mm
Weight	98.3 g
EMC immunity of interference	acc. to EN 61000-6-2
EMC emission of interference	acc. to EN 61000-6-4

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