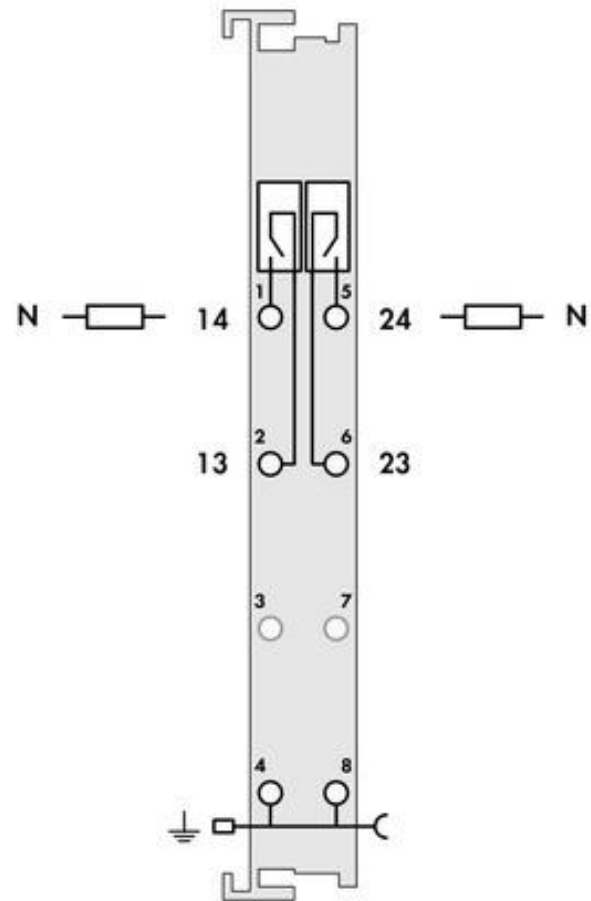




Item description

This digital output module transmits control signals from the automation device to the connected actuators.

The internal system voltage triggers the relay.

The NO contacts are electrically isolated.

The switched status of the relay is shown by a LED.



Data

Technical Data

Number of digital outputs	2
Total number of channels (module)	2
Actuator connection	2 x (1-conductor)
Output switching design	2 make contacts relay
Output characteristic	potential-free
Switching frequency max.	0.5Hz
Switching frequency max. with load type	0.5Hz; Nennlast
Switching frequency (max.)	0.5 Hz
Load type of the switching frequency	Nennlast
Switching voltage (max.)	AC 250 V, DC 30 V V
Switching voltage (min.)	5 V
Switching current (min.)	10 mA
Switching power	500 VA / 60 W; $\cos \varphi$ max. = 0.4; L/R max. = 7 ms
Pull-in time (max.)	10 ms
Drop-out time (max.)	10 ms
Bounce time (typ.)	1.2 ms
Min. electrical switching operations (at max. resistive load)	3×10^5
Min. mechanical switching operations (at max. resistive load)	20×10^6
Max. output data width (internal)	2 Bit
System supply voltage	DC 5 V; via data contacts
Current consumption, system supply	100 mA
Isolation field – system	1500 VAC (1 min)
Indicators	LED (A, C) green: Status relay 1, relay 2
Number of incoming power jumper contacts	1
Number of outgoing power jumper contacts	1
Current carrying capacity of the power jumper contacts	10 A

Connection data

Connection technology: inputs/outputs	8 x CAGE CLAMP®
Connection type (1)	Inputs/Outputs
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch



Geometrical Data

Width	12 mm / 0.472 in
Height	69.8 mm / 2.748 in
Height from upper-edge of DIN-35 rail	62.6 mm / 2.465 in
Depth	100 mm / 3.937 in

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Color	light gray
Contact material	Ag alloy
Housing material	Polycarbonate, polyamide 6.6
Fire load	1.284 MJ
Weight	51.5 g
Conformity marking	CE

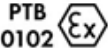
Environmental Requirements

Surrounding air (operating) temperature	0 ... 55 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Degree of protection	IP20
Degree of pollution (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m
Mounting position	horizontal (standing/lying) or vertical
Relative air humidity (no condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to 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**

Country of Origin	DE
GTIN	4045454393434
Product Group	15 (Remote I/O)

Ex-Approvals

Logo	Approval	Certificate name
	ATEX TUEV Nord Cert GmbH	TÜV 07 ATEX 554086 X en.
	TUEV Nord TUEV Nord Cert GmbH	IECEx TUN 09.0001 X
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	E198726 Sec.1

Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	16-HG1554285-PDA
	BV Bureau Veritas S.A.	13453/DO BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAA0000194
	DNV DNV Germany GmbH	A-14093
	GL Germanischer Lloyd	26 898 - 05 HH
	LR {Lloyds Register EMEA	02/20026 (E5)
	NK Nippon Kaiji Kyokai	TA17255M
	PRS Polski Rejestr Statkow	TE/1989/880590/13
	RINA RINA Germany GmbH	ELE134212XG

UL-Approvals

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



Product family

Couplers & I/O modules:

[Show all products from the family.](#)

Subject to changes.

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Do you have any questions about our products?
We are always happy to take your call at {0}.