



Über das Digitalausgangsmodul werden Steuersignale aus dem Automatisierungsgerät an die angeschlossenen Aktoren weitergegeben. Zur Ansteuerung der Relais wird die interne Systemspannung genutzt. Jeweils ein bzw. zwei Kontakte sind über die Leistungskontakte mit einem Pol der feldseitigen Spannungsversorgung (z.B. + oder ~) verbunden. Der Ansteuerungszustand des Relais wird über LED signalisiert.

Achtung:
 Für die Versorgung mit AC 230 V / DC 30 V ist ein zusätzliches Einspeisemodul zu setzen!

Technical data	
Number of digital outputs	2
Actuator connection	2 x (2-wire, 3-wire)
Output circuit design	2 make contacts; relay
Output characteristic	non-floating
Pull-in time (max.)	10 ms
Drop-out time (max.)	10 ms
Bounce time (typ.)	1.2 ms
Switching frequency (max.)	0.5 Hz; Nominal load
Switching voltage (max.)	AC 230 V / DC 30 V (+10 %)
Switching current (max.)	2 A
Switching voltage (min.)	5 V
Switching current (min.)	1 mA
Switching power	„Pilot Duty“: 360 VA für AC; 28 VA für DC
Electrical switching operations (min.) (at max. resistive load)	300 x 10 ³ switching operations
Output data width (internal) max.	2 bits

Technical data

Supply voltage (system)	5 VDC; via data contacts
Supply voltage (field)	230 VAC; via power jumper contacts (power supply via blade contact; transmission (field side supply voltage only) via spring contact)
Indicators	LED (A, E) green: Status relay 1, relay 2
Number of incoming power jumper contacts	2
Number of outgoing power jumper contacts	2
Current carrying capacity (power jumper contacts)	10 A

Safety and protection

Protection type	IP20
Test voltage (field/system)	3.0 kVAC; 50 ... 60 Hz, 1 min
Test voltage (field/FE)	3.0 kVAC; 50 ... 60 Hz, 1 min
Test voltage (system/FE)	775 VDC; 1 min
Overvoltage category	II
Pollution degree	2
Insulation type	Reinforced insulation (safe isolation)

Connection Data

Connection technology: I/O	6 x CAGE CLAMP® (outputs)
Connectable conductor materials	Copper
Connection type	Output
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 inches

Physical data

Width	12 mm / 0.472 inches
Height	100 mm / 3.937 inches
Depth	69.8 mm / 2.784 inches
Depth from upper-edge of DIN-rail	62.6 mm / 2.465 inches

Mechanical data

Mounting type	DIN-35 rail
Pluggable connector	fixed

Material data

Housing material	Polycarbonate; polyamide 6.6
Fire load	0.671 MJ
Weight	49.6 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	0 ... +55 °C
Ambient temperature (storage)	-40 ... +85 °C
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Mounting position	Horizontal left, horizontal right, horizontal top, horizontal bottom, vertical top and vertical bottom
Relative humidity (without condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per EN 60068-2-27
EMC immunity to interference	per EN 61000-6-1, EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-3, 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

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966587104
Customs tariff number	85371098990

Product Classification

UNSPSC	32101517
ETIM 9.0	EC001599
ETIM 10.0	EC001599
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	-	E175199

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for hazardous areas



IECEX



Approval	Standard	Certificate Name
ATEX TUEV Nord Cert GmbH	EN 60079-0	TUEV14ATEX148929X (II 3 G Ex ec IIC T4 Gc)
IECEX TUEV Nord Cert GmbH	IEC 60079-0	IECEX TUN 14.0035 X (Ex ec IIC T4 Gc)
UL Underwriters Laboratories Inc. (HAZARDOUS LOCA- TIONS)	UL 121201	E198726

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com