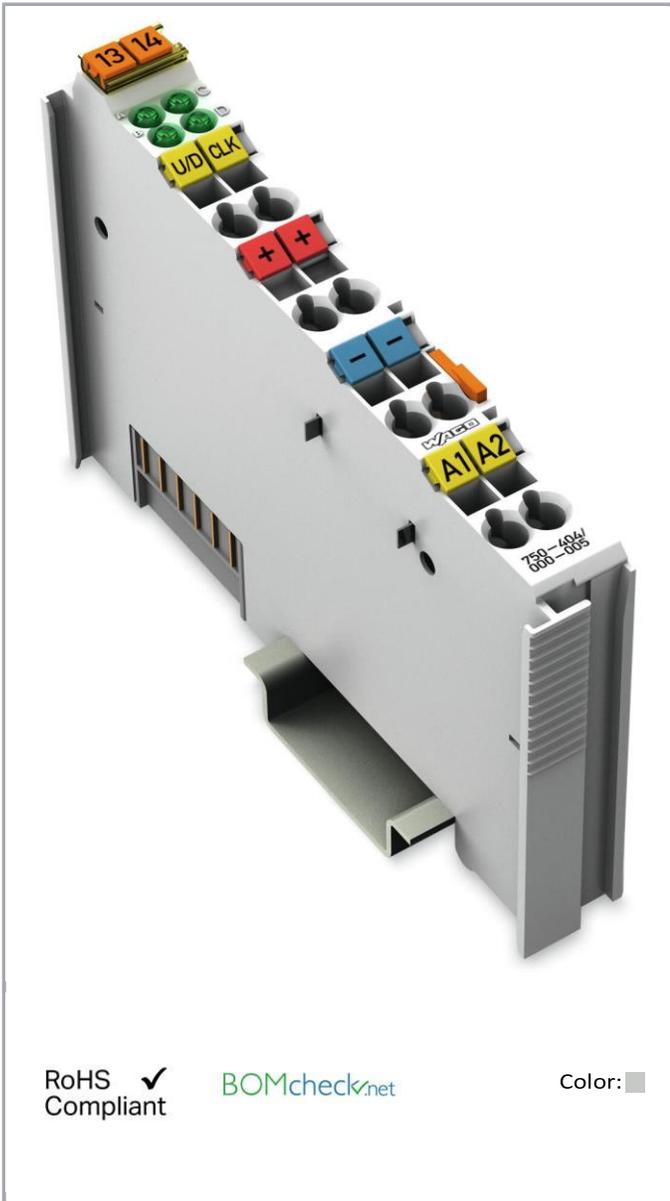


Data sheet | Item number: w750-404/000-005

2 up counter; 16 bits; light gray

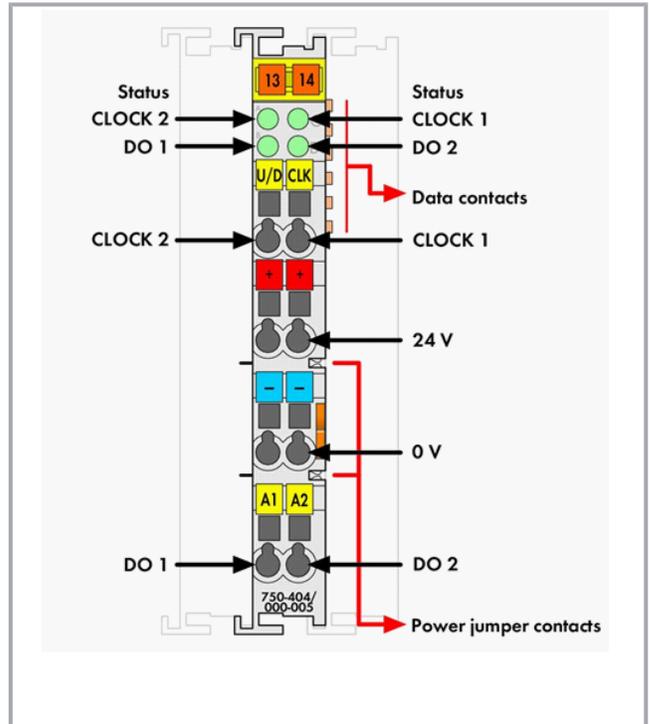
<https://www.domat-int.com/en/data-sheets>

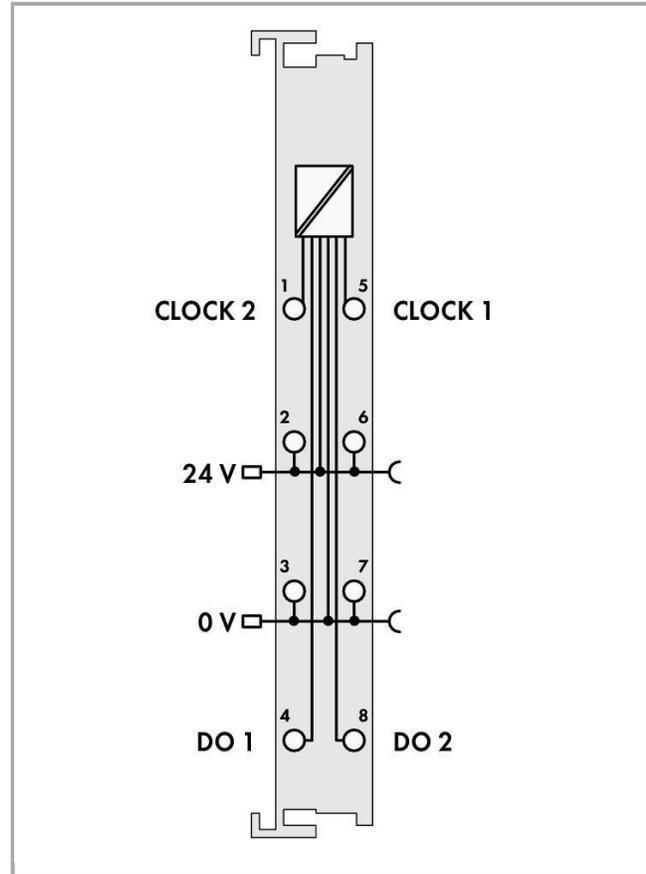
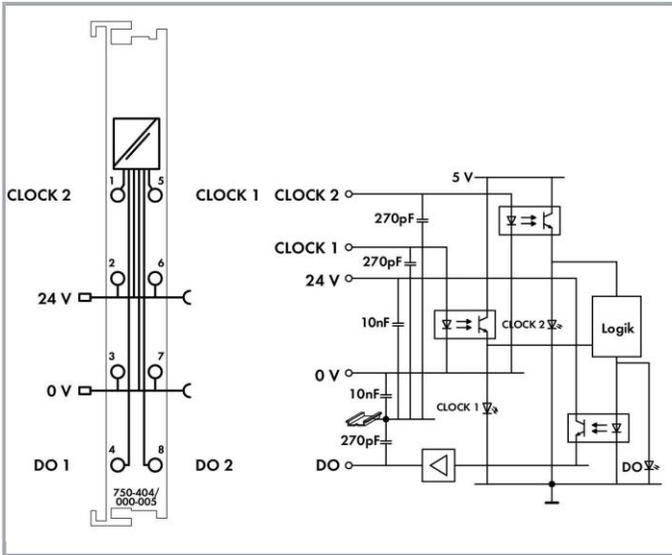


RoHS 
Compliant



Color: 





Item description

The I/O module is equipped with two 16-bit up counters.

The CLOCK 1 and CLOCK 2 inputs acquire 24 V binary pulses and transmit the counter status to the installed bus system.

Digital outputs DO 1 and DO 2 can be set using the control byte. The control byte sets or resets the counter.

Technical data

Number of digital outputs	2
No. of counters	2
Type of signal	Voltage
Type of signal voltage	DC 24 V
Counter depth	16 Bit
Input current typ.	5 mA
Output current	Short-circuit-protected
Switching frequency max.	5 kHz
Voltage range for signal (0)	-3 ... +5 VDC

Voltage range for signal (1)	15 ... 30 V DC
Bit width	32-bit data; 8-bit control/status
System supply voltage	DC 5 V; via data contacts
Current consumption, system supply (5 V)	70 mA
Field supply voltage	DC 24 V (-15 ... +20 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)
Isolation	500 V system/supply
Number of incoming power jumper contacts	2
Number of outgoing power jumper contacts	2

Connection data

Connection technology: In-/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 inch
Height	69.8 mm / 2.748 inch
Height from upper-edge of DIN-35 rail	62.6 mm / 2.465 inch
Depth	100 mm / 3.937 inch

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Color	Light gray
Housing material	Polycarbonate, polyamide 6.6
Fire load	1.488 MJ
Weight	49 g
Conformity marking	CE

Environmental Requirements

Surrounding air (operating) temperature	0 ... 55 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Protection class	IP20
Degree of pollution (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m

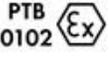
Mounting position	Horizontal (standing/lying) or vertical
Relative air humidity (no condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	Acc. to EN 61000-6-2, marine applications
EMC emission of interference	Acc. to EN 61000-6-4, marine applications
Exposure to pollutants	Acc. to IEC 60068-2-42 and IEC 60068-2-43
Vibration resistance	4g per IEC 60068-2-6
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

Product Group	15 (Remote I/O)
Packaging type	BOX
Country of origin	DE
GTIN	4045454429799
Customs Tariff No.	85389099990

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ATEX TUEV Nord Cert GmbH	EN 60079-0	TÜV 07 ATEX 554086 X en.
	TUEV Nord TUEV Nord Cert GmbH	IEC 60079-0	IECEX TUN 09.0001 X

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP- REM- W43CTM750

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1821926
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAA0000194
	KR Korean Register of Shipping	-	KR HMB05880AC001
	LR Lloyds Register	-	02/20026 (E6)
	NK Nippon Kaiji Kyokai	-	TA17255M
	PRS Polski Rejestr Statków	-	TE/2236 /880590/19
	RINA RINA Germany GmbH	-	ELE066419XG

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.1

Subject to changes.

Domat control system

Do you have any questions about our products?

WAGO Kontakttechnik GmbH & Co. KG (manufacturer)

We are always happy to take your call at +420 461 100 666.