

VARAN Valve Interface VVO 323

with 32 short-circuit proof digital outputs for valve terminal with EX250 flange connection

The VVO 323 module has 32 short-circuit digital outputs proof (+24 V/50 mA/short-circuit proof). The supply voltage is divided into two groups. Both groups are monitored for under and over voltage.



Digital Output Specifications

Number	32
Short-circuit proof	yes
Maximum continuous current load allowed per channel	50 mA
Maximum total current (entire module)	1.6 A (100% of on-time)
Residual current (off)	≤ 10 µA
Turn-on delay	< 100 µs
Turn-off delay	< 100 µs

Electrical Requirements

Force supply +24 V DC	+18-30 V DC
Current consumption of +24 V supply voltage	corresponds to the load on the digital outputs

Voltage Monitor

Power supply +24 V	supply voltage > 18 V (corresponding DC OK-LED lights green) supply voltage < 30 V (corresponding DC OK-LED lights green)
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Article Number and Miscellaneous

Article number	16-050-323
Hardware version	1.x
Standard	UL 61010-1 UL 61010-2-201 CAN/CSA-C22.2 No. 61010-1-12 CAN/CSA-IEC 61010-2-201:14
Dimensions Standard	89 x 79.8 x 167 mm (W x H x D)

Environmental Conditions

Storage temperature	-20 ... +85 °C	
Environmental temperature	0 ... +60 °C	
Humidity	0-95 %, non-condensing	
EMC resistance	in accordance with EN 61000-6-2 (industrial area)	
EMC-noise generation	in accordance with EN 61000-6-4 (industrial area)	
Vibration resistance	EN 60068-2-6	3.5 mm from 5-8.4 Hz 1 g from 8.4-150 Hz
Shock resistance	EN 60068-2-27	15 g
Protection type	EN 60529	IP67