

IB ST ZF 24 DO32/2


Order No.: 2750633

The illustration shows version IB ST 24 BDO 32/2

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INTERBUS-ST digital output module, 32 outputs, 24 V DC, 500 mA, 2-wire connection method, IP20 protection, consisting of: Terminal part with spring-cage connection and module electronics

Commercial data

GTIN (EAN)	 4 017918 140083
sales group	K401
Pack	1 pcs.
Customs tariff	85389091

Product notes

WEEE/RoHS-compliant since:
06/02/2008



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Product description

INTERBUS ST digital output modules

The digital INTERBUS output modules are designed for the connection of digital actuators, such as electromechanical valves, contactors or lamps.

In addition to the standard IB ST 24 BDO modules, the range is rounded off by modules with extended functionality.

The scope of functions provided by the standard models covers the majority of applications. On top of this, several modules provide additional electronic functions, such as:

- Output channels in up to four electrically isolated groups
- Separate electronic short-circuit protection for each output channel
- Higher output current, which are needed in individual applications.

All the typical advantages of INTERBUS-ST handling, such as multi-wire connection methods and plug-in electronics are provided by both product lines.

Technical data

Interface

Fieldbus system	Lokalbus
Name	ST local bus
Connection method	ST local bus connector

Digital outputs

Output name	Digital outputs
Connection method	Spring-cage connection
	2-wire
Number of outputs	32
Protective circuit	Short-circuit protection Electronic
Maximum output current per channel	500 mA
Maximum output current per module / terminal block	8 A
Maximum output current per group	4 A
Nominal load, inductive	12 VA (1.2 H; 48 Ω)
Nominal load, lamp	12 W
Nominal load, ohmic	12 W

Power supply for module electronics

Supply voltage	24 V DC
Supply voltage range	20 V DC ... 30 V DC (including ripple)
Ripple	3.6 V _{pp} within the allowable voltage range
Current consumption	200 mA
Communications power U _L	9 V DC
Current consumption	max. 100 mA

General data

Width	118 mm
Height	117 mm
Depth	116 mm
Weight	790 g
Mounting type	DIN rail
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	75 % (on average, 85% infrequently, no condensation)
Permissible humidity (storage/transport)	75 % (on average, 85% infrequently, no condensation)
Air pressure (operation)	86 kPa ... 108 kPa (1500 m above sea level)
Air pressure (storage/transport)	86 kPa ... 108 kPa (1500 m above sea level)
Degree of protection	IP20
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Test section	Supply voltage logic / I/O 500 V AC 50 Hz 1 min
	Bus/Output groups 500 V AC 50 Hz 1 min
	Output groups/Ground conductor 500 V AC 50 Hz 1 min
	Output group/Output group 500 V AC 50 Hz 1 min

Certificates / Approvals

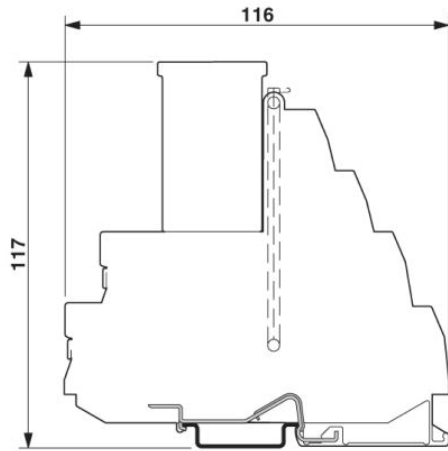


Certification CUL, GOST, UL

Accessories

Item	Designation	Description
Cable/conductor		
2836492	IB ST LBC	Spare local bus cable, for INTERBUS-ST modules
Fuse		
2767383	IBS TR5 5AT	Replacement fuse, for INTERBUS-ST modules

Dimensioned drawing



Address

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