

I/O module - IB ST 24 DIO 8/8/3-2A-WT - 2719166

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INTERBUS-ST digital input/output module, 8 inputs, 24 V DC, 8 outputs, 24 V DC, 2 A, IP20 protection, consisting of: Terminal part with spring-cage connection and module electronics, extended temperature range

The figure shows version IB ST 24
DIO 8/8/3-2A

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918271176

Technical data

Dimensions

Width	118 mm
Height	117 mm
Length	116 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C

Interfaces

Interface	ST local bus
Connection method	ST local bus connector

Power supply

Communications power U_L	9 V DC (from the ST local bus)
Typical current consumption	200 mA (to U_S)
I/O voltage	24 V DC
I/O voltage range	20 V DC ... 30 V DC

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Technical data

Power supply

Residual ripple	± 1.2 V
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Inputs

Number of inputs	8
Connection technology	3-wire (Signal, Us, GND)
Typical input current per channel	5 mA
Input voltage range "0" signal	-30 V DC ... 5 V DC
Input voltage range "1" signal	13 V DC ... 30 V DC

Outputs

Number of outputs	8
Connection technology	3-wire (Signal, GND, PE)
Output voltage	Us - 1.5 V
Maximum output current per module / terminal block	16 A
Nominal load, ohmic	48 W (max. 150 Hz)
Nominal load, lamp	24 W
Nominal load, inductive	48 VA (max. 5 Hz at 1.2 H with 12 Ω)
Type of protection	Short-circuit protection
Protective circuit/component	Fuse

General

Weight	715 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27242604
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

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Classifications

ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599
ETIM 6.0	EC001599
ETIM 7.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Accessories

Accessories

Bridge

Jumper - IB ST LBC - 2836492



Spare local bus cable, for INTERBUS-ST modules

Insertion bridge - EB 84 IB ST BU - 2836269



Insertion bridges, divisible, isolated comb spine, color blue, 84-pos.

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Accessories

Insertion bridge - EB 84 IB ST RD - 2836272



Insertion bridges, divisible, isolated comb spine, color red, 84-pos.

Fuse

Fuse - IBS TR5 4AF - 2753465



Replacement fuse, for INTERBUS-ST modules

Replacement electronics module - IB STME 24 DIO 8/8/3-2A - 2752945



Replacement module electronics for IB ST (ZF) 24 DIO 8/8/3-2A

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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