

IB ST 230 DI 16/3 - I/O module



2721099

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INTERBUS-ST digital input module, 16 inputs, 230 V AC, 3-conductor connection technology, IP20 degree of protection, consisting of: terminal part with screw connection and module electronics

Commercial data

Item number	2721099
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR03
Product key	DRI331
GTIN	4017918140359
Weight per piece (including packing)	659.1 g
Weight per piece (excluding packing)	659.1 g
Customs tariff number	85389091
Country of origin	DE

Technical data

Electrical properties

Test section	Bus logic/Inputs 1500 V AC 50 Hz 1 min
Supply	
Communications power U_L	9 V DC (from the ST local bus)
I/O voltage	230 V AC
I/O voltage range	210 V AC ... 253 V AC
Typical current consumption	100 mA (from the ST local bus)

Input data

Digital

Number of inputs	16
Input voltage range "0" signal	0 V AC ... 66 V AC
Input voltage range "1" signal	170 V AC ... 253 V AC
Connection method	Screw connection
Connection technology	3-conductor (shielded)
Typical input current per channel	7 mA (50 Hz)

Connection data

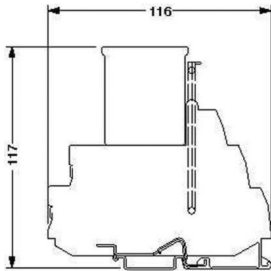
Connection method	Screw connection
Conductor cross-section, rigid	0.2 mm ² ... 2.5 mm ²
Conductor cross-section, flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section AWG	24 ... 12

Interfaces

ST local bus

Connection method	ST local bus connector
Transmission physics	Copper

Dimensions

Dimensional drawing	
Length	116 mm

Environmental and real-life conditions

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Ambient conditions

Degree of protection	IP20
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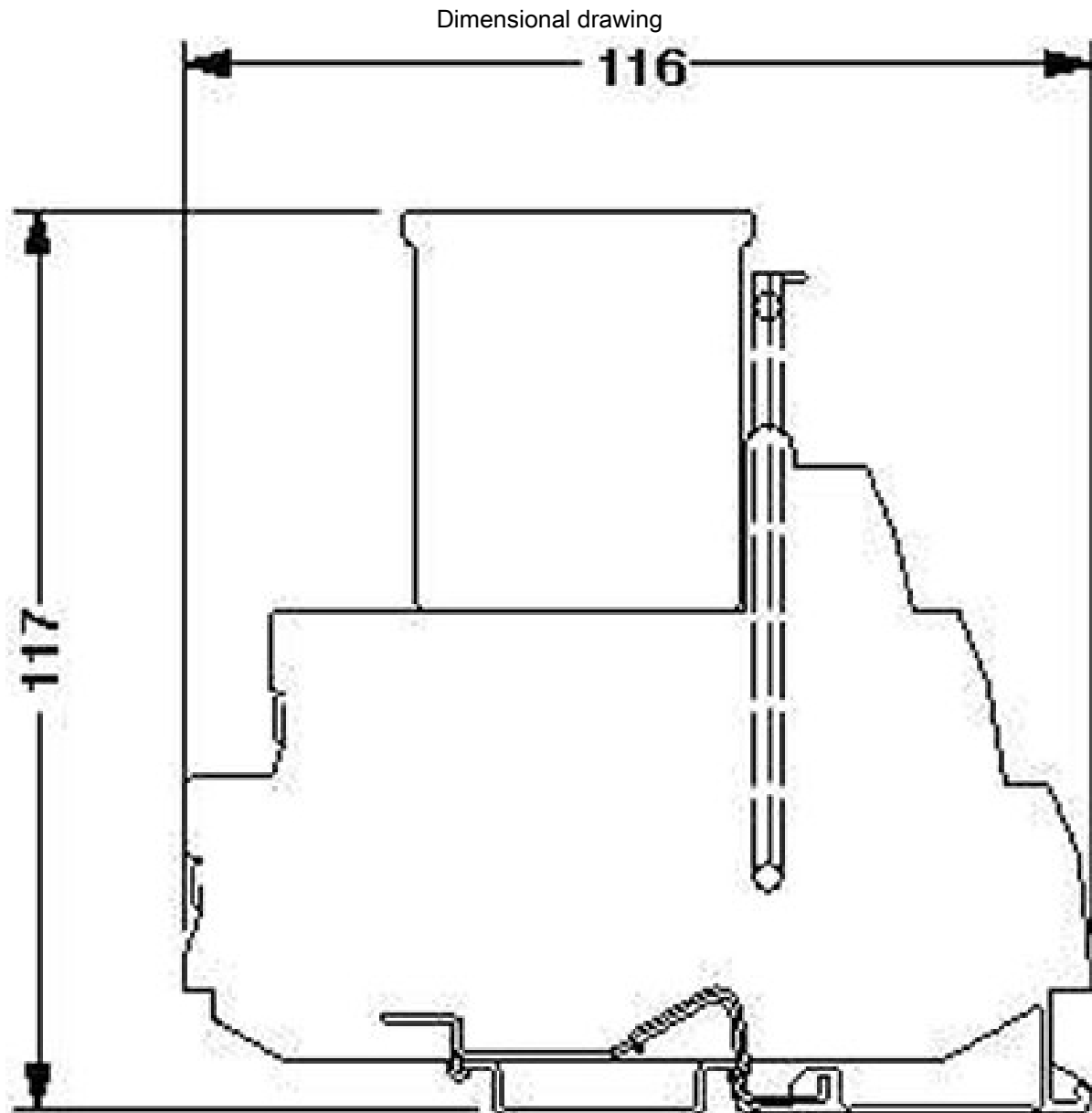
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Drawings



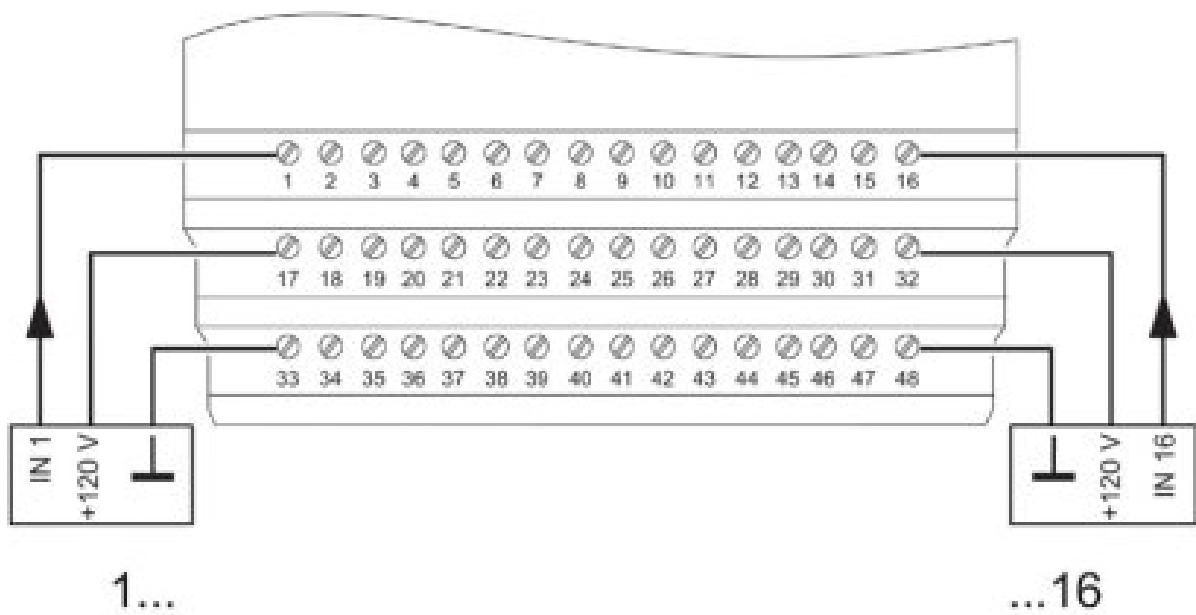
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Connection diagram

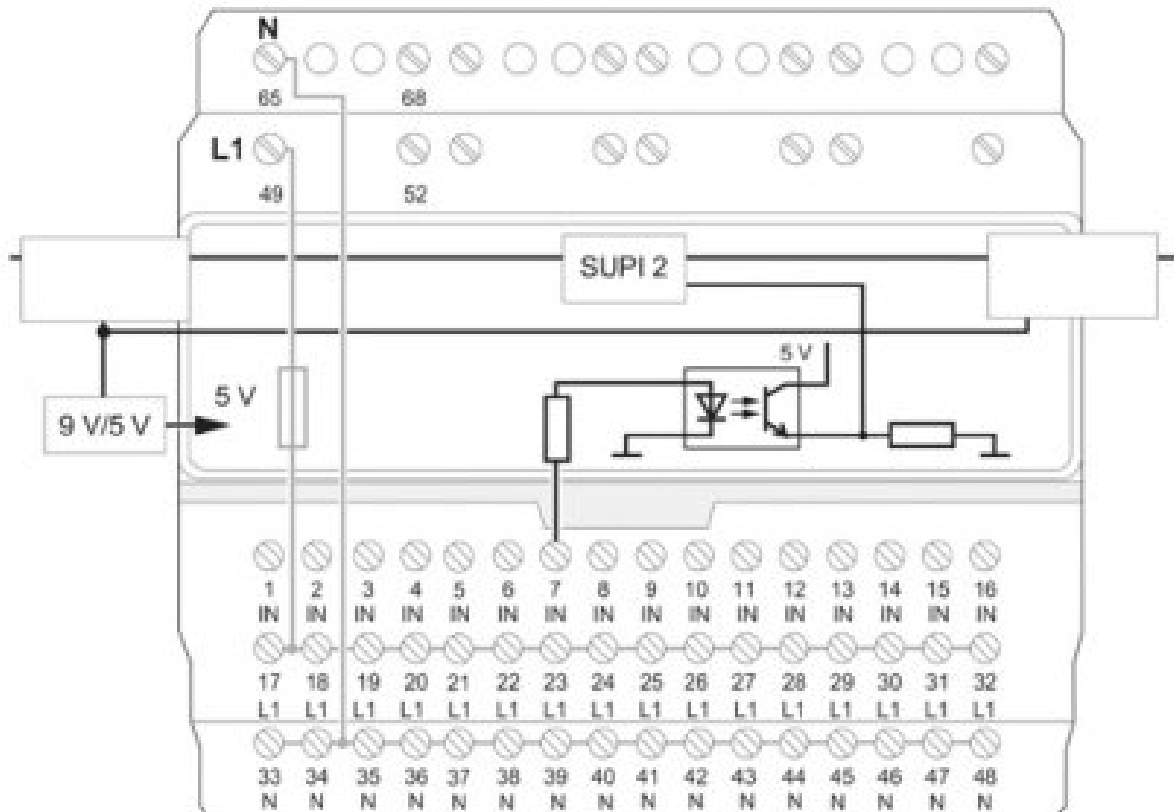


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Block diagram



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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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