

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Phoenix Contact](#)
[2725480](#)

For any questions, you can email us directly:
sales@integrated-circuit.com



Extract from the online catalog

IB ST 24 V.24

Order No.: 2725480



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2725480>

INTERBUS-ST module, with RS-232-C, RS-485 and RS-422 interface, for serial data transmission, IP20 protection, V.24

Commercial data	
GTIN (EAN)	 4 017918 154295
sales group	K403
Pack	1 pcs.
Customs tariff	85389091

<http://www.download.phoenixcontact.com>
 Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Product description

INTERBUS ST serial transmission

The IB ST 24 V.24 module provides the option of connecting intelligent I/O equipment without an INTERBUS interface to an INTERBUS system, such as automation devices, protocol printers, identification systems, or process controllers.

For the serial transmission of data, the RS 232, RS 485 and RS 422 standard interfaces are integrated in the module. The interfaces can be set to up to 19200 baud. In the transmitting and receiving direction, the user has a 4 Kbyte buffer memory at his/her disposal.

Connection is made using an 8-pos. MINI-COMBICON plug connector. Mounting is user-friendly – simply snap it on to a DIN rail.

IB ST 24 V.24 Order No.: 2725480

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2725480>
Technical data
Interfaces

Interface	ST local bus
Type of connection	ST local bus connector
Transmission speed	110 ... 19200 Bit/s (programmable)

Power supply

Typical current consumption	130 mA (from the ST local bus)
I/O voltage	24 V DC 5 % (ripple)
Peripherals voltage range	20 V DC ... 30 V DC

Electrical isolation

Test section	Interfaces/Logic 500 V AC 50 Hz 1 min
	Interfaces/24 V supply 500 V AC 50 Hz 1 min
	Interfaces/Bus 500 V AC 50 Hz 1 min
	Interfaces/Ground conductor 500 V AC 50 Hz 1 min
	24 V supply/Bus 500 V AC 50 Hz 1 min
	24 V supply/Ground conductor 500 V AC 50 Hz 1 min

Serial input/output channel

Input buffer	4 kByte
Output buffer	4 kByte
Transmission speed	110 ... 19200 Bit/s (programmable)
Parity	Even, odd or no parity
Hardware handshake	RTS/CTS and DTR/DSR at RS-232-C

General data

Weight	220 g
Width	44 mm
Height	117 mm
Length	116 mm

Certificates / Approvals


Certification

GOST

IB ST 24 V.24 Order No.: 2725480

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2725480>

Accessories

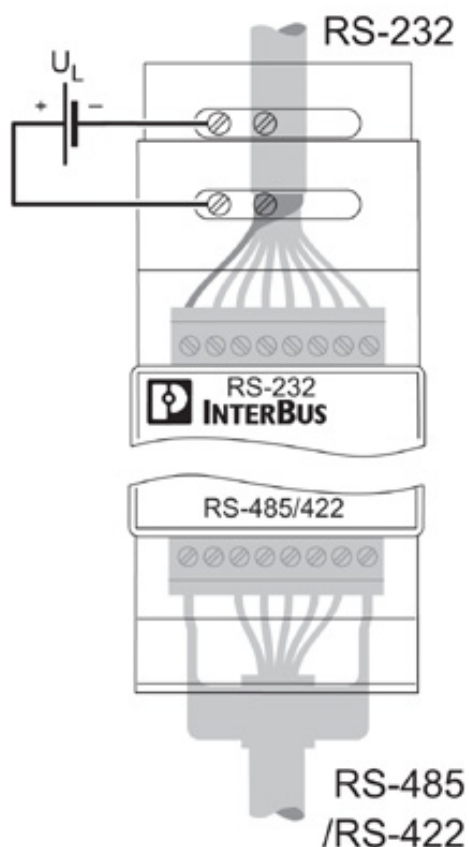
Item	Designation	Description
------	-------------	-------------

Bridges

2836269	EB 84 IB ST BU	Insertion bridges, divisible, isolated comb spine, color blue, 84-pos.
2836272	EB 84 IB ST RD	Insertion bridges, divisible, isolated comb spine, color red, 84-pos.

Diagrams/Drawings

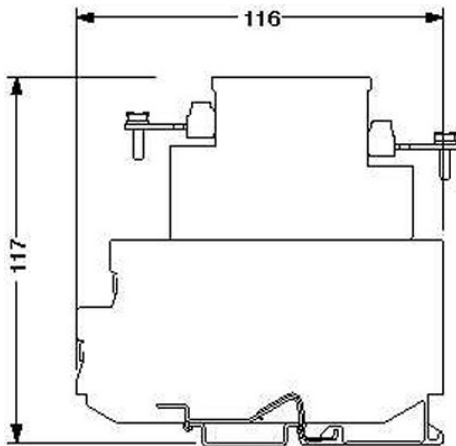
Connection diagram



IB ST 24 V.24 Order No.: 2725480

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2725480>

Dimensioned drawing



FAQs

- **Can I set up an RS-485 network with the module?**

No! In RS-485 mode, only point-to-point transmission is possible.

- **How do I configure the serial interface?**

The INTERBUS module is configured using PCP services and adapted to the I/O device, e.g., a text display with RS-232 interface. Parameters such as protocol type, transmission speed, parity, data and stop bits are set.

- **Is it possible to operate a modem with INTERBUS module IB ST V.24?**

Yes. The module can be freely configured and is therefore suitable for operation with a modem.

IB ST 24 V.24 Order No.: 2725480

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2725480>

Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2011 Phoenix Contact
Technical modifications reserved;