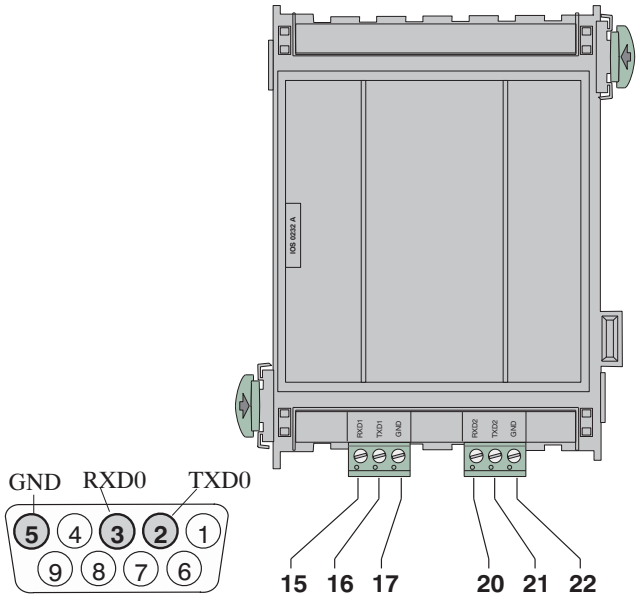
BOSCH
Invented for life

IOS 0232 A RS232 Communication Module

- **Connection of peripherals with RS232 serial interface**
- **Ready to go thanks to plug-and-play technology and pluggable terminal blocks**

The RS232 Communication Module can be used to connect two devices, e.g. voice alarm system Plena, a laptop or a printer, via two independent serial interfaces.

System Overview



Pos.	Description	Connector
15 / 16 / 17	RXD1/TXD1/GND	RS232 interface 1
20 / 21 / 22	RXD2/TXD2/GND	RS232 interface 2

Parts Included

Qty.	Components
1	IOS 0232 A RS232 Communication Module

Technical Specifications

Electrical

Input voltage	20 V DC to 30 V DC (min...max) 5 V DC ± 5%
Max. current consumption	15 mA (at 24 V DC)
Max. cable length	3 m (10 ft.) per interface

Mechanics

Housing material	ABS plastic, Polylac PA-766 (UL94 V-0)
Housing color	Satin finish, anthracite, RAL 7016
Dimensions	Approx. 127 x 96 x 60 mm (5.0 x 3.8 x 2.4 in.)
Weight	
• Without packaging	Approx. 180 g (6.3 ounces)
• With packaging	Approx. 230 g (8.1 ounces)

Environmental conditions

Permitted operating temperature	-5 °C to 50 °C (23 °F to 122 °F)
Permitted storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Permitted relative humidity	95%, non-condensing
Protection class as per IEC 60529	IP 30

Ordering Information

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for connecting two devices, e.g. voice alarm system Plena, a laptop or a printer, via two independent serial interfaces

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Represented by

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