

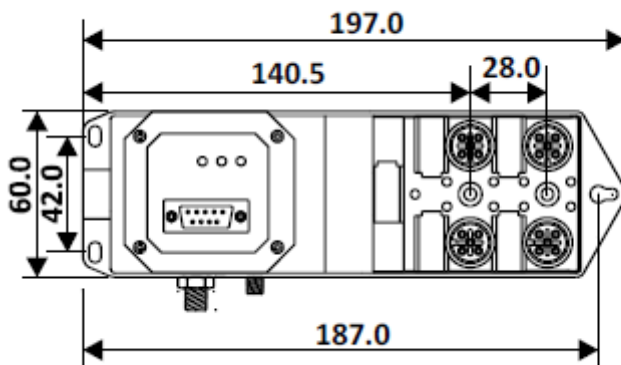
Datasheet

Junction Box With Zigbee Wireless

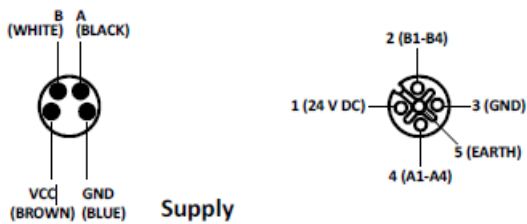
RS Stock 877-1233



Dimensions: (mm)



Connection Diagram





Specifications

Electrical

Supply	24 V DC \pm 10%
Operating Voltage	10 ... 30 V DC
Rated Current	Max. 10 mA per Port
Total Rated Current	Max. 350 mA
Connection	M08 Male Socket
I/Os Connection	M12, 5pin Female Socket
Port	4

Mechanical Characteristics

Housing Material	PBT Plastic
Material of Moulding Mass	Nylon 66
Contact Carrier Material	Nylon 66
Contact Material	Brass-Ni Plated
Contact Surface Material	Gold Plated
Material O-Ring	Neoprene
Protection	IP55

Environment Limits

Operating Temperature	0 ... 55°C
Storage Temperature	0 ... 70°C

Indications

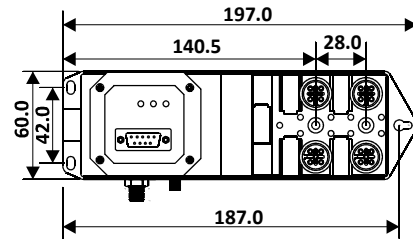
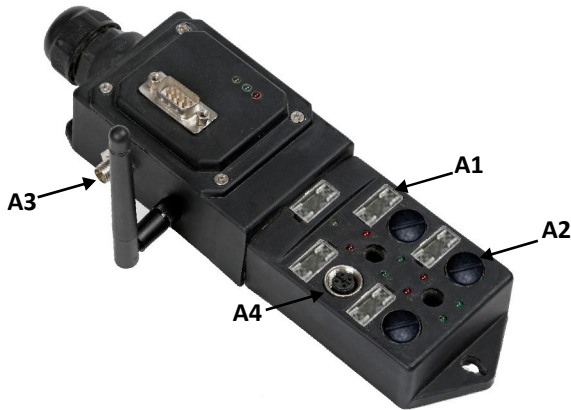
Yellow & Red	Power
Green	Tx
Yellow	Rx
Red LEDs	NC I/O (B)
Green LEDs	NO I/O (A)

Zigbee Wireless Interface

Protocol	Zigbee
Frequency	2.4 GHz
RF Data Rate	150 kbps
Range	50 ... 60 mtr Indoor 500 mtr Outdoor Line of Sight

I/O Junction Box

X'Bee Wireless



All dimensions are in mm.

Electrical Specification

Supply	24 V DC \pm 10%
Operating Voltage	10 ... 30 V DC
Rated Current	Max. 20 mA per Port
Total Rated Current	Max. 350 mA
Connection	M08 Male Connector
I/Os Connection	M12, 5pin Female Socket
Port	4 (PNP Type)

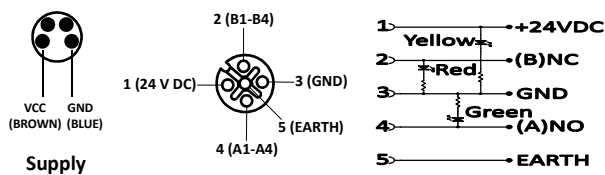
Mechanical Specification

Housing Material	PBT Plastic
Material of Moulding Mass	Nylon 66
Contact Carrier Material	Nylon 66
Contact Material	Brass-Ni Plated
Contact Surface Material	Gold Plated
Material O-Ring	Neoprene
Protection	IP65

Indications

Yellow & Red LED	POWER
Green LED	Tx
Yellow LED	Rx
Red LEDs	NC I/O (B)
Green LEDs	NO I/O (A)

Connection Diagram



Environmental Limits

Operating Temperature	0 ... 55°C
Storage Temperature	0 ... 70°C

X' Bee Wireless Interface

Protocol	X' Bee
Frequency	2.4 GHz
RF Data Rate	150 kbps
Range	50 ... 60 mtr Indoor
	500 mtr Outdoor
	Line of Sight
Communication Topology	Point to Point

Accessories

Description

A1*	Name Tag (5 Nos.) Material - PC (Transparent)
A2*	Protection Cap (4 Nos.) Material - Nylon-66 (Black)
A3#	CBF08-S44N0-02BPVC
A4#	CNM12-S5SP0-BP7 (4 Nos.)

* Included in offer

Excluded (To be ordered separately)