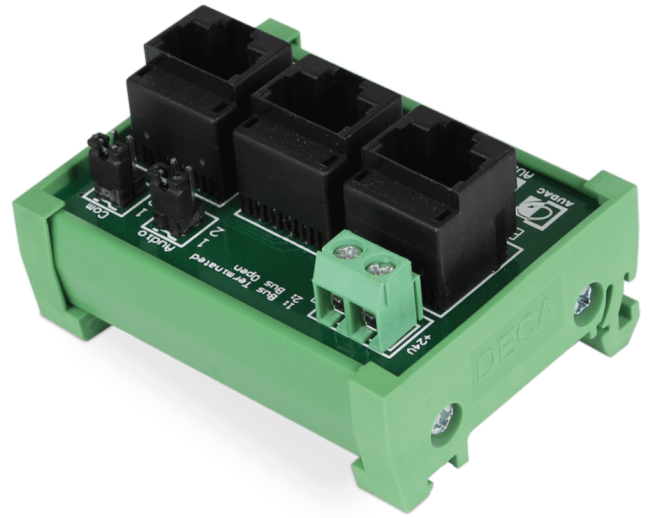## Product information:

The ARJ03P is an RJ45 splitter / junction box which can be used for connecting and splitting any twisted pair based databus which is connected using RJ45 connectors. A typical application example is the expansion of communication and audio transferring busses whereby multiple input and/or output devices are connected to one single peripheral port on a matrix system. Another typical example is the application of an external power supply to a communication bus, for powering the remote in- or output module when the transferred supply voltage has become insufficient due to the long cable lengths. It consists of three RJ45 connectors which are a 'BUS IN' and 'BUS OUT' connector for making the incoming and outgoing connections while the third connector allows the connection for the remote in- or output module. Two termination jumpers are provided whereby the communication (Pin4 & Pin5) and audio (Pin7 & Pin8) pairs can be terminated at their characteristic impedance (120 Ohm), to ensure a clear communication without reflections. A terminal block connector is provided whereby an external power supply (+24 V DC) can be connected to the bus. The +24 V DC is available on RJ45 Pin3 (+) and Pin6 (GND). The unbreakable plastic housing allows easy mounting on Mini DIN rails.

System specifications:

Bus termination	Audio	120 Ω
	Communication	120 Ω
Connectors		3 x RJ45
		1 x 2-pin Euro Terminal Block (Power supply)

Product Features:

Dimensions	61 x 48 x 40 mm (W x H x D)
Weight	0.043 kg
Mounting	Mini DIN rail
Construction	Unbreakable plastic housing
Colours	Green

Shipping & Ordering:

Packaging	PE bag
Shipping weight	0.040 kg

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ARJ03P

Weight: 0,04 kg

Product description:
RJ45 3-WAY JUNCTION BOX - 24V CON &
BUS TERMINATION - MINI DIN RAIL

Outer dimensions:
(w x h x d)
61 x 37,8 x 48

Unit height: N/A

61

37,8

34,5

48

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