

Technical Datasheet

IOana MC, Wago

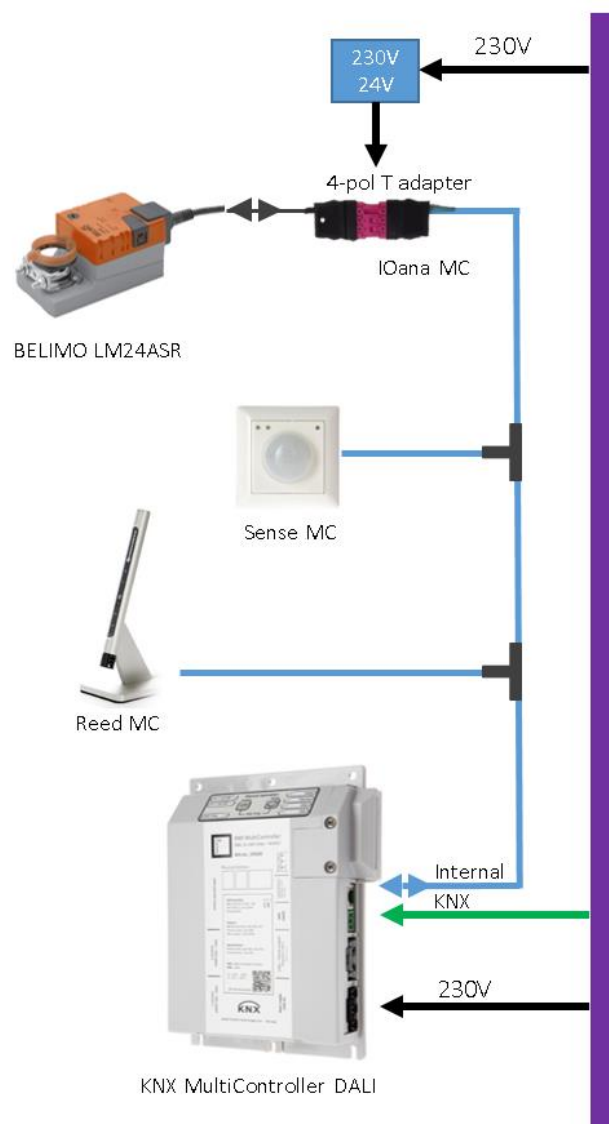
Art.no.: 56100



IOana MC, Wago

The IOana analog I/O extension is a general-purpose analog 0-10V input and output module for the KNX MultiController. The IOana extension is capable of controlling VAV ventilation dampers with feedback as well as valve motors for heating- and cooling control with 6-way valves.

Up to two IOana modules can be connected to the digital extension port of the MultiController by patch cable. See figure 2 for local addressing of IOana. A system configuration with movement, user panel and IOana is shown in Figure 1.

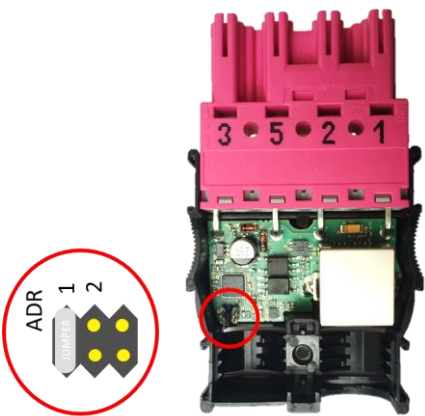


Figur 1

Technical data

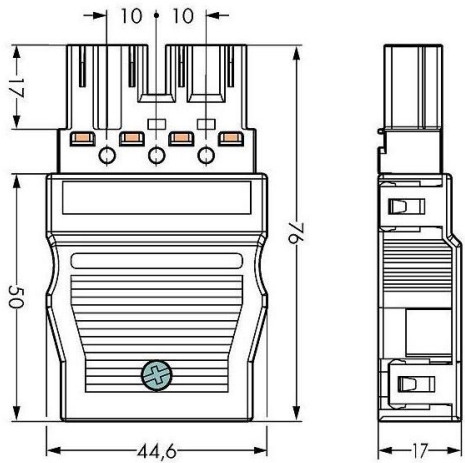
		IOana MC, Wago
		56100
Power	<ul style="list-style-type: none"> • Operating voltage, Local bus • SELV 16V DC (safety extra low voltage) 	Via RJ45 from the KNX MultiController
	<ul style="list-style-type: none"> • SELV 20-30V DC / 24V AC $\pm 10\%$ (safety extra low voltage) 	Via Wago Winsta Midi terminal
Connections	<ul style="list-style-type: none"> • Connection of local bus (cable) 	RJ45
	<ul style="list-style-type: none"> • Permitted cable length local bus 	10 m (total length)
	<ul style="list-style-type: none"> • Terminal output / input 	Wago Winsta Midi 770-294/081-000
Terminals	Pin 1: GND/COM	
	Pin 2: Supply	12-30V DC / 24V AC
	Pin 5: Analog input (feedback)	0 - 10V, 30 k Ω
	Pin 3: Analog output (control signal)	0 - 10V, max 2mA
Temperature range	<ul style="list-style-type: none"> • Operation 	15 °C ... +35 °C
	<ul style="list-style-type: none"> • Storage 	-25 °C ... +65 °C
	<ul style="list-style-type: none"> • Transport 	-25 °C ... +65 °C
Housing	<ul style="list-style-type: none"> • Polyamide 6.6 V0, halogen-free 	WAGO PLUG 770-294/081-000
Design	<ul style="list-style-type: none"> • Dimensions 	76 mm x 44.6 mm x 17 mm
Approvals CE mark	<ul style="list-style-type: none"> • In accordance with the EMC guideline and low voltage guideline 	

Addressing:



Figur 2

Dimensions:



Figur 3



Producer:

function Technology AS
Kanalveien 117b | N-5068 Bergen | Norway

www.function-technology.com

Distributor: