

RingBus Field Unit for window actuator control with additional digital I/O

- 4 digital inputs (potential free)
- 2 digital outputs (NO relays)
- 1 digital output 24VDC switching polarity
- has a predefined address (no addressing required during system commissioning)
- AC 230 V mains power



Technical data

Electrical data	Nominal voltage	AC 230 V 50/60 Hz
	Nominal voltage range	AC 110 ... 230 V
	For wire sizing	18 VA
	Power consumption from mains	Actuator consumption + 200 mW
	Power consumption from bus	5 mW
	Connecting	Power supply terminal 2 x 3 x max. 2.5 mm ² (min. 0.5 mm ²) Actuator outputs Plug, 2 poles Digital inputs Plug, 2 x 4 poles Digital outputs Plug, 2x 4 poles 2 x RingBus terminal 4 x 1.5 mm ² wire
Safety	Protection class	Class II (all insulated)
	Degree of protection	IP54
	EMC	CE according to 2004/108/EC
	Low-voltage-directive	CE according to 2006/95/EC
Dimensions / weight	Ambient humidity range	IEC 60730-1 max. 95 %
	Ambient temperature range	0 ... +55°C
	Non-operating temperature	-40 ... +85°C
	Maintenance	Maintenance-free
	Dimensions	154 x 114 x 77 mm
	Weight	400 g

Safety notes



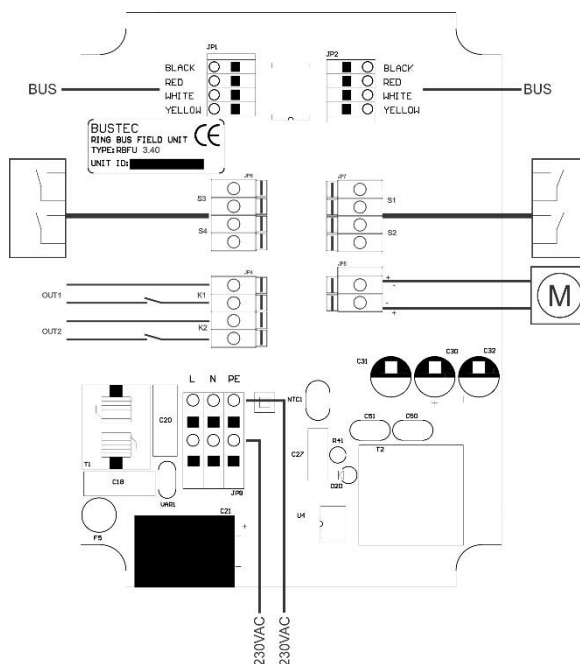
- The device is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- Caution: Power supply voltage!
- It may only be installed by suitably trained personnel. Any legal regulations or regulations issued by authorities must be observed during assembly.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

Product features

Control of damper and outputs	RBFU 3.40 is used for controlling one Window actuator (switching polarity). 2 digital outputs NO relay contacts and 4 digital potential free inputs. The unit is connected to the ringbus master controller module via a 4 wire ring bus communication.
Output safe state	Relays will go to preprogrammed safe state if there is no communication with master controller for 10s.
Isolation	The actuator is isolated from mains by a transformer.
Predefined address	Each unit has a predefined address and therefore has not to be addressed during the system commissioning.
Work without 230 V	RBFU 3.40 unit is able to work without 230 V, but then it is only sending data about digital inputs.

Product features

Wiring diagram



Dimensions [mm]

Dimensional diagrams

