

Mimic Cabinet BUR-200

Autroprime Interactive Fire Detection System
Product Datasheet

Features

- Cabinet including 1 Mimic Driver BUR-200 and 16 programmable relays
- 1 Mimic Driver is capable of driving 32 current limited LEDs
- A Mimic Driver is provided with 8 standard monitored inputs
- A maximum of 8 Mimic Drivers can be connected to the RS-485 Panel Bus, providing a total of 256 outputs and 64 monitored inputs
- Powered by 24V DC, redundant, monitored
- Lamptest
- LED intensity control
- Designed to meet EN 54 and SOLAS requirements, and conforms to CE standards

Application/Description

The *Mimic Cabinet BUR-200* is specifically designed for use in maritime applications. It consists of 1 Mimic Driver BUR-200 and 16 programmable relays.

One Mimic Driver that is capable of driving 32 LEDs with series resistors on a mimic panel for additional indication of alarms. In addition, 8 standard monitored inputs can be used for reading various switches.

The Mimic Driver is connected to the RS-485 Panel Bus (see drawing on next page).

Power redundancy is achieved by using a daisy-chain connection with master and slave drivers.

For detailed information on the Mimic Driver, refer to separate datasheet for BUR-200.



Technical specifications

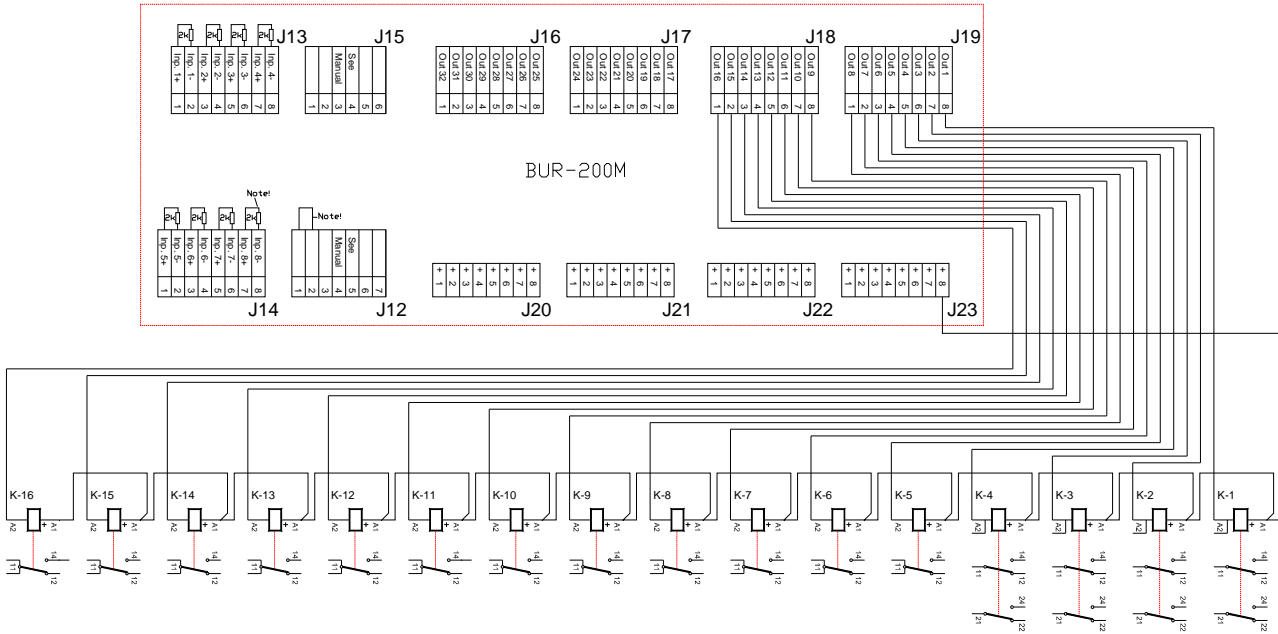
Dimensions (mm)	420 x 346 x 140
Weight (g)	8,0 kg
Materials	Steel cabinet
Protection class	IEC-529 / IP30
Operating Temperature	-15°C to +70°C
Storage Temperature	-40°C to +70°C
Humidity	0 to 95% non-condensing
Power supply	24VDC (18-32V)
Current consumption	Maximum 25mA
Total load BUR-200	Maximum 500mA
Communication	RS-485 panel bus

Part number	Description
116-71211551	BUR-200 Mimic Cabinet
BUR-200 Mimic Cabinet is delivered with the following relays:	
116-7624-030.0002	Relay PLC-RSC-24DC/21-21
116-7624-030.0001	Relay PLC-RSC-24DC/21

Schematics

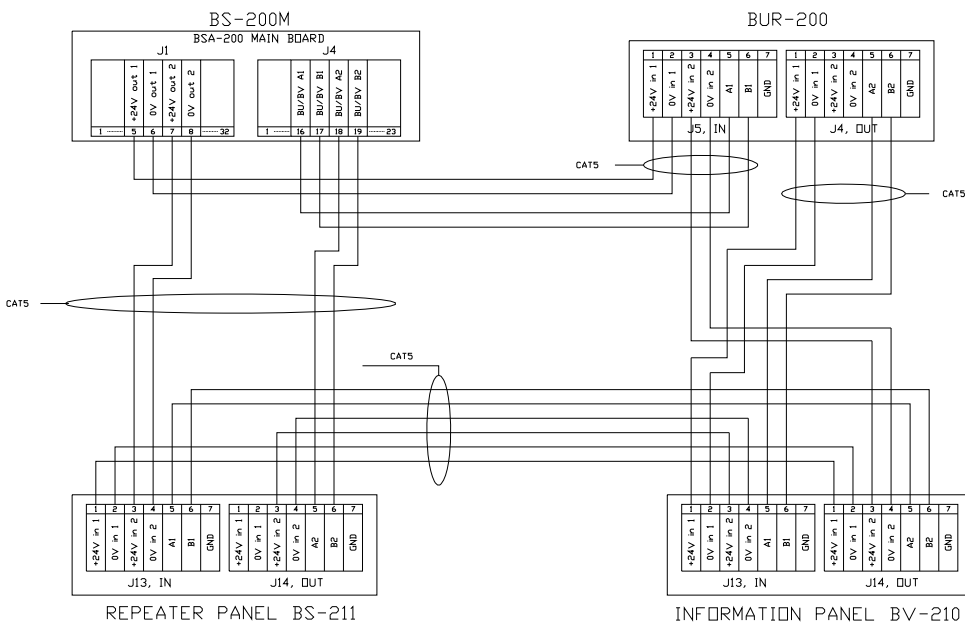
Note:

2k Ohm resistors must be installed on the monitored inputs J13 and J14. A jumper must be installed between J12-1 and J12-2.



Panel Bus Connection

The drawing below shows an example of a panel bus interconnecting a BUR-200 Mimic Driver, a Fire Alarm Control Panel BS-200M, a Repeater Panel BS-211, and an Information Panel BV-210.



AUTRONICA FIRE AND SECURITY AS

Head office, Trondheim, Norway Tel: +47 73 58 25 00, fax: +47 73 58 25 01, e-mail: info@autronicafire.no
 Oil and Gas division, Stavanger, Norway Tel: +47 51 84 09 00, fax: +47 51 84 09 99
 Maritime division, Spikkestad, Norway Tel: +47 31 29 55 00, fax: +47 31 29 55 01

Visit Autronica Fire and Security AS' website: www.autronicafire.com