8. IF370 CAN Interface Module

8.1 General Information

The IF370 interface module is used for connecting the B&R Power Panel to a CAN network. It must always be operated in slot 1.

The IF370 interface module is only suitable for operating with a B&R Power Panel. It should never be operated in a B&R SYSTEM 2003 module.

8.2 Order Data

Model Number	Short Description
4IF370.7	Power Panel interface module, 1 CAN interface, electrically isolated, network capable, screw-in module

Table 10: Order data for the IF370

8.3 Photo

Figure 12: IF370

8.4 Technical Data

Product ID	IF370
General Information	
C-UL-US Listed	In preparation

Table 11: Technical data for the IF370

Product ID	IF370
B&R ID Code	$44
Module Type	B&R Power Panel screw-in module
Slot	Power Panel interface, slot 1
Power Consumption	TBD
Standard Communication Interface	
Interface Type	CAN
Electrical Isolation	Interface - Power Panel
Design	9 pin DSUB plug
Status Display	2 Status LEDs
Maximum Distance	1,000 m
Maximum Baud Rate Bus Length 10 - 60 m Bus Length 100 -200 m Bus Length 800 -1,000 m	 Max. 500 kBit/s Max. 250 kBit/s Max. 50 kBit/s
Network Capable	Yes
Mechanical Characteristics	
Dimensions	B&R Power Panel screw-in module

Table 11: Technical data for the IF370

8.5 Status LEDs

Lit LEDs	Description
Yellow / Green	Data is being sent
Green	Data is being received

Table 12: IF370 status LEDs

8.6 Pin Assignments

Pin Assignment for CAN interface	
Pin	Assignment
1	NC
2	CAN_L
3	CAN_GND
4	NC
5	NC
6	Reserved
7	CAN_H
8	NC
9	NC

9 pin DSUB connector

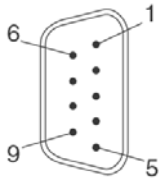

Table 13: Pin assignments for the IF370 CAN interface