

1. IF060

1.1 General

The IF060 interface module is a system module equipped with an insert slot for interface modules.

This makes it possible for any System 2005 CPU to use the IF060 to integrate various bus or network systems directly via the system bus.

The interface data must be prepared in the CPU. The IF060 module provides the physical connection to the insert modules.

Multiple IF060 interface modules can be inserted on the main backplane as required. The maximum number of IF060 modules that can be used depends on the type of interface module inserted, the transfer rate used and the performance of the CPU.

1.1.1 The following interface module inserts can be used with the IF060

Module	Description
3IF613.9	Interface module with three RS232 interfaces
3IF621.9	Interface module with one RS485/RS422 interface and one CAN interface
3IF622.9	Interface module with one RS232 interface and two RS485/RS422 interfaces
3IF661.9	Interface module with one RS485 interface (Profibus DP slave)
3IF671.9	Interface module with one RS232 interface, one RS485/RS422 interface and one CAN interface
3IF672.9	Interface module with one RS232 interface and two CAN interfaces
3IF686.9	Interface module, 1 POWERLINK interface, managing or controlled node, electrically isolated

Table 1: IF060 - Interface module inserts

1.2 Order data


Model number	Short description	Figure
3IF060.6	2005 interface module, 1 insert slot for interface module inserts	
The following interface module inserts can be used with the IF060:		
Model number	Description	
3IF613.9	Three RS232 interfaces	
3IF621.9	One RS485/RS422 interface and one CAN interface	
3IF622.9	One RS232 interface and two RS485/RS422 interfaces	
3IF661.9	One RS485 interface (Profibus DP slave)	
3IF671.9	One RS232 interface, one RS485/RS422 interface and one CAN interface	
3IF672.9	One RS232 interface and two CAN interfaces	
3IF686.9	One POWERLINK interface	

Table 2: IF060 - Order data

1.3 Technical data

Product ID	IF060
C-UL-US listed	Yes
B&R ID code	\$63
Can be installed on Main rack Expansion rack	Yes No
Insert slot	1 (for interface module inserts)
Power consumption 5 V 24 V Total	Max. 1 W - Max. 1 W
Dimensions	B&R 2005 single-width

Table 3: IF060 - Technical data

1.4 Operation with SG3 systems

When using the IF060 with SG3 systems, only ≤ 9 slots are permitted.