

## Termination board - IBS S5/SL-LB - 2806943

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Communication interface board for SIMATIC® S5 PLCs

### Product description

INTERBUS function modules, PLC Relay modules

As INTERBUS devices, standard Siemens SIMATIC S5 PLCs can exchange information with a control system or another PLC through INTERBUS controller boards.

Control stations can be all PLCs or computers for which INTERBUS controller boards are available. Thus, INTERBUS, as a real time sensor/actuator bus, can simply and inexpensively connect PLCs and computers from different manufacturers using I/O signal addresses.

The exchange of signals using INTERBUS occurs in realtime, i.e., INTERBUS can also replace the large number of cable bundles still designed as parallel signal buses for the exchange of data over standard I/O modules with a protected bus protocol. The controller boards can be used in any of the PLC's I/O slots.

The advantages of this simple process communication handled on the I/O level:

- INTERBUS transmits data cyclically in realtime and with great data reliability,
- INTERBUS even connects PLCs in existing systems using a simple I/O network.

But data transmission using I/O channels in realtime means even more: The PLCs connected using INTERBUS can be provided with parameterization data from the master PLC as a function of process status, or can be easily synchronized.

In addition to data transfer, INTERBUS controller boards offer the same INTERBUS benefits, i.e. high transmission reliability on the data lines, excellent diagnostics and simple enabling or disabling of individual boards by means of appropriate interrupt processing.

In the event of an error, a board reset from the higher-level PLC (master) is possible at any time. The INTERBUS controller boards can be used with standard I/O modules in a control system.

### Product Features



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 074982
Weight per Piece (excluding packing)	5.12 GRM
Custom tariff number	85389091
Country of origin	Germany

### Technical data

#### Ambient conditions

Degree of protection	IP00
----------------------	------

# Termination board - IBS S5/SL-LB - 2806943

## Technical data

### Power supply

Power supply connection	Via SIMATIC I/O bus
Max. current consumption	250 mA (from PLC and 100 mA from local bus)
Supply voltage	9 V DC
Power dissipation	max. 2.25 W

### General

Format	1 slot, central or expansion device
--------	-------------------------------------

### Data interfaces

Interface	Inline local bus
Connection method	Siemens I/O bus
Interface	Host system
Connection method	Siemens SIMATIC S5 115U (requires adapter capsule 6ES5 491-OLB11), 130 WB, 130 K, 130 U, 150 K, 150 S, 150 U, 155 U

## Classifications

### eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	27240409
eCl@ss 5.0	27242215
eCl@ss 5.1	27242208
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208

### ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC001423

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

