Module Description

Transfer
Termination Module for Local Bus

88 FB01/R0100/R0200

Application

The termination module for local bus is used within the PROCONTROL multi-purpose processing station.

It serves to terminate the local bus on one side at the bus coupling module 88 TK01 (see module description "Bus coupling module local bus/station-bus", D AT 1726 B8 E). If using the local bus coupling modules 88 FN01/FN02, the local bus must be terminated in each case by one 88 FB01, version R0100. If the local bus is led out of the master station (module 88 VK01) module 88 FB01, version R0200 must be used.

Functional diagrams

Description

In addition to the signal line for serial data telegrams, the local bus consists of a number of other lines for binary control and management signals. Every line must be terminated. Therefore resistors are provided on the module, through which the signal lines are connected with the operating voltage UD.

The module consists of a printed circuit board provided with a connector. This connector serves to plug the module to the associated connector of the bus coupling module local bus/station-bus 88 TK01. The voltage is supplied from the station bus backplane via a cable with Faston connection.
Mechanical design

Board size:
4 cm x 3.3 cm
according to MIL-C-24 308
25-pole, pin connector, type HD, fabricated by AMP
approx. 0.03 kg

Connector:

Weight:

Technical data

POWER SUPPLY

Operating voltage bus section
Current consumption
Power dissipation typ.
Reference potential bus section

CONNECTED SIGNALLING LINES

The signal lines are summarized in the module descriptions of the respective modules under the designation "Standard interface to the local bus NSS". For security considerations, all signals of the local bus are transmitted as true (+) and inverse (-) signals.

ORDERING DATA

Type designation: 88 FB01/R0100
88 FB01/R0200

Order number: GJR2340900R0100
GJR2340900R0200

The module has two cables with a length of 40 cm for voltage supply.

Technical data are subject to change without notice.