4 Coupling memory module

Overview

4.1 Coupling memory modules MM11, MM3, MM4 4-2

4.1 Coupling memory modules MM11, MM3, MM4

Order No.

MM11: 6DD1611-0AD0

MM3: 6DD1611-0AF0

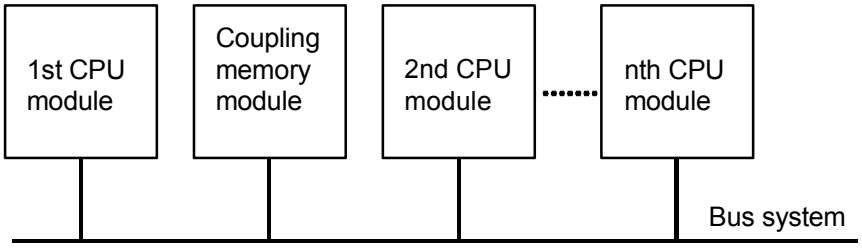
MM4: 6DD1611-0AG0

Application

A coupling memory module has a data memory (RAM), which is used to transfer data via the CPU modules. A coupling memory module must always be used if there is more than one CPU module in a subrack, and if the CPU modules wish to transfer data within the module. For instance, using configured „$ connections“, „coupling memory module coupling“ or if several CPU modules access a CS7 serial interface.

Slot

A coupling memory module can be inserted at any slot between the first and second CPU module.



Features

	MM11	MM3	MM4
Bus connection	L bus, C bus	L bus, C bus	L bus, C bus
Memory size	2 * 64 Kbytes	2 * 64 Kbytes	2 * 2 Mbytes
Other functions		• System error-relay; • Radio clock	System error-relay;

- Data is buffered against power failure using a back-up battery (3.4 V) in the subrack
- Integrated bus termination for the C bus and L bus

4.1.2 Technical data MM11, MM3, MM4

General data

No. of slots occupied	1
Dimensions W x H x D [mm]	20.14 x 233.4 x 220
Weight	MM11: Approx. 0.51 kg MM3: 0.7 kg MM4: 0.5 kg

Power supply voltage

Rated voltage	min.	max.	**Typ. current drain**
+5 V	+4.75 V	+5.25 V	MM11: 300 mA MM3: 600 mA MM4: 800 mA
+15 V	+14.4 V	+15.6 V	MM3: 50 mA
Back-up battery	2.2 V	3.9 V	20 µA

System error relay

RDYIN signal output for MM3 and MM4:

Description	**Values**
Voltage	max. 60 V DC
Switching current	max. 0,5 A
NC contact interrupt time	100 ms
Switching power	max. 20 W