

Depending on the configuration, the lamp test module MBZ1030 (consisting of one MBZ1010 and MBZ1020) provides and performs the following functions:



- Lamp testing of all connected expansion modules
- Possibility of signaling a collective fault message which has been generated in the MX system by means of a LED at the door module. The LED will be controlled via MODBus; it is recommended to use LED 1 for this purpose as definitely this LED will signalize a collective fault message during autonomous operation without a MODBus master (DDC/PLC)
- Relay contact (NO) for connecting an external horn
- Acknowledging fault messages and release after faults
- Monitoring and displaying the status of MODBus communication
- Automatically switches from slave mode to master mode if no MODBus telegrams have been received for a certain time. Depending on the configuration of the operating mode, DI4 must be activated additionally.

That way, an autonomous fault monitoring system is realized during bus failure. Autonomous operating mode without external master will be signaled at the front module by the second LED. Therefore, even when operating in slave mode, this LED should not be assigned to another message.

Regarding the system configuration (addressing, maximum number of modules connected to a MODBus Master interface, installation, connection to the bus etc.), please follow the instructions in the chapter Configuration.

Übersicht Klemmenbelegung:

MBZ1010	Ansteuerung aller DI's mit +24VDC	
	15	18
Bezugspotential für DI's	15	18
DI 1 (Lampentest)		11
DI 2 (Hupe quittieren)		12
DI 3 (Entsperren)		13
DI 4 (LED, freie Funktion)		14
Hupenrelais		71 72
Entsperren (Reset extern)		73 74
Sammelstörung		75 76
Spannungsversorgung	31 32	

Power supply: +24 V DC, connection via terminals

Relay data: Electromagnetic relay

Switching voltage max. 250 VAC / 30 VDC
Switching current (resistive) max. 5 A
Switching capacity max. 625 VA / 150 W

Rated load (resistive) 2.5 A / 250 VAC or 5 A / 30 VDC

With inductive loads, interference must be suppressed