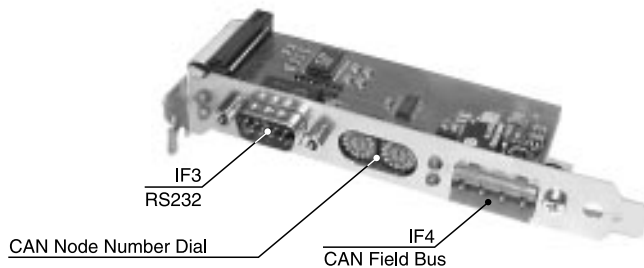


1 Technical Data

Module ID	LS071
General Information	
Model Number	5LS071.9
Connection	Inserted in next slot to Logic Scanner LS251, has no contact to PCI or ISA slot
Supply	The LS071 is supplied from the LS251 through a flat ribbon cable
Power Output	Including LS251, max. 8.5 W
Operating Temperature	0 - 55 °C
Humidity	0 - 95 %
User Interface IF3	
Type	RS232
Controller	UART type ST16C650
FIFO	32 Bytes in send and receive directions
Connection	9 pin D-Type connector (M)
Electrical Isolation	NO
Input Filter	YES
Reverse Voltage Divider	YES
Maximum Range	15 m
Maximum Baudrate	115.2 kBaud
Handshake Controller	RTS, CTS
Network Capable	NO
Data Format	
Data Bits	5 to 8
Parity	YES / NO / even / odd
Stop Bits	1 / 2

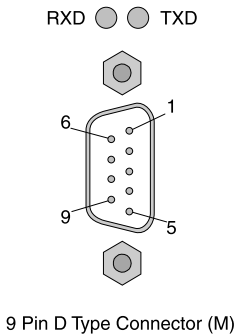
Module ID	LS071
User Interface IF4	
Type	CAN
Controller	Controller 82527
Connection	4 pin connection block
Multimaster Capable	YES
Number of Stations	max. 64
Priority	Through object identifier
Protocol	from CiA/CAL
Electrical Isolation IF4 - LS071 IF3 - IF4	YES YES
Transfer Medium	4 wire twisted pair cable
Maximum Range	1000 m
Maximum Baudrate	500 kBit/sec (see chapter 1 "General Information", section "CAN field bus")
Network Capable	YES
Bus Terminating Resistance	optional external cabling

2 Overview of the Components



3 Description of the Components

3.1 RS232 Interface

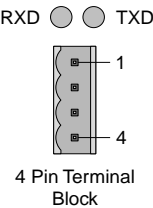


Pin	RS232 Interface, 9 pin D Type Connector (M)	
1	NC	
2	RXD	Receive Signal
3	TXD	Transmit Signal
4	NC	
5	GND	Ground
6	NC	
7	RTS	Request To Send
8	CTS	Clear To Send
9	NC	

3.2 CAN Field Bus

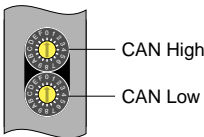
A 4 pin terminal block and a 120 Ω bus terminating resistor are included with every delivery. The resistor must be attached between pins 1 and 3.

The cabling of a CAN field bus is explained in chapter 1 "General Information" section "CAN Field Bus".



Connection	CAN Field Bus, 4 Pin Terminal Block	
1	CAN_H	CAN High
2	CAN_GND	CAN Ground
3	CAN_L	CAN Low
4	CAN_SHLD	Screen

3.3 CAN Node Number Dial



The Hex dials are used to set the CAN node number. The position of the dials can be evaluated by the application program. When a dial is turned during operation, a relevant warning message can be generated. The dial status can only be identified by the operating system during start-up.

4 Installation in the PC

The LS071 is installed in a free slot next to the LS251. Installation is the same as for the LS251. The procedure can be found in Chapter 2 "LS251 Logic Scanner " section "9 Installation in the PC".

Connection to the LS251 is made using a flat ribbon cable. The circuit board connector is inserted in the LS251 connector block. In order to guarantee proper polarity, the alignment plug of the circuit board connector must be facing upwards (see diagram).

Both PC slot covers must be pointing in the same direction and the cable must be routed flat over the circuit boards.

