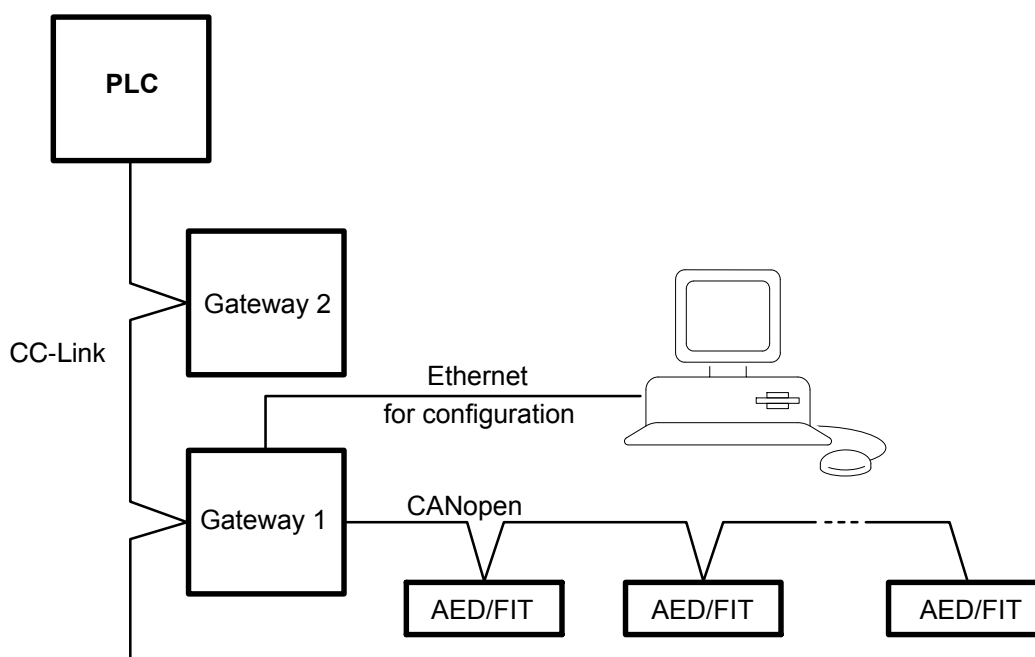# CC-Link Gateway

Characteristic features

- CLPA tested
- **For connecting AED/FIT products with CANopen interfaces**
- **For PLC systems from Mitsubishi with CC-Link field bus interface**
- **Ethernet interface for parameterization**

Specifications

Basic device		CC-Link Gateway								
Permissible supply voltage range	V_{DC}	18 … 30								
Power consumption, approx.	A	0.1 at 24 V								
CC-Link (Remote Operation Station)										
Version		1								
Station number		1 … 64								
Baud rates	kBit/s	10000 5000 2500 625 156								
Number of occupied stations		1 … 4								
Cable type		As per CC-Link specification 1.10								
Speed		max. 10 Mbit with 100 m line length								
Connection		Sub-D plug, 9-pin (with voltage supply)								
Ethernet interface										
Transmission protocol		TCP/IP, UDP, HTTP, DHCP, Modubus-TCP								
Transfer rate, max.	MBit/s	10 and 100 (automatic selection)								
Topology (twisted pairs)		2								
LED display for Receiver, Transmitter (RxD/TxD) and Link		2								
Line length, maximum	m	100								
Cable type		UTP category 5 or shielded twisted pair (STP)								
Connecting socket		RJ-45								
CAN interface (CANopen-Master)										
Protocol		CAN 2.0B; CANopen compatible								
Hardware bus link		to ISO 11898								
Baud rates	kBit/s	1000	800	500	250	125	100	50	20	10
Maximum line lengths	m	25	40	250	400	600	1000	1000	1000	1000
Maximum number of AED or FIT nodes		128								
Connection		D-Sub socket, 9-pin, assignment as per CiA								
General specifications										

Temperature range
  Nominal (rated) temperature range
  Operating temperature range
  Storage temperature range
	
	°C
	°C
	°C
		
		-10 … +40
		-10 … +60
		-20 … +80								

Degree of protection (per DIN EN 60529 / IEC 60529)		IP20								
Dimensions (W x H x D)	mm	76.1 x 95 x 24								
Weight, approx.	g	220								

Order No.: 1-GA-CA/CC/ET

Accessories:

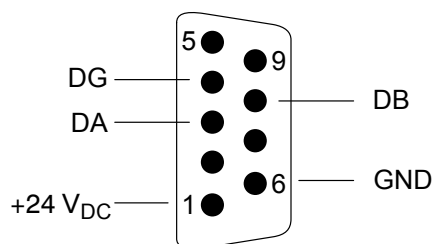| RJ-45	Plug, 8-pin, shielded	1-RJ45-EMV
Cable	CAN cable, per meter	4-3301.0180
DB-9P	Sub-D plug, 9-pin with cover	1-CON-P1003
DB-9S	Sub-D socket, 9-pin with cover	1-CON-S1003
DB-9S2	Sub-D socket, 9-pin, cover with 2 outputs	1-CON-S1004
Cable	Ethernet cable CAT7, 3 m	1-Kab287-3

Dimensions
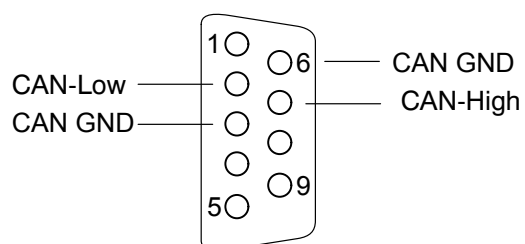
Dimensions (in mm; 1 mm = 0.03937 inches)

76.1

62.1

57

GATEWAY
CA-CC-ET

CC-Link

POWER
2.5W max
18...30V

HBM MAC.Address
00-09-E5-00-28-BB

59

10

24

CC-LINK

RE   RW

CAN

ETHERNET

1-GA-CA/CC/ET

95
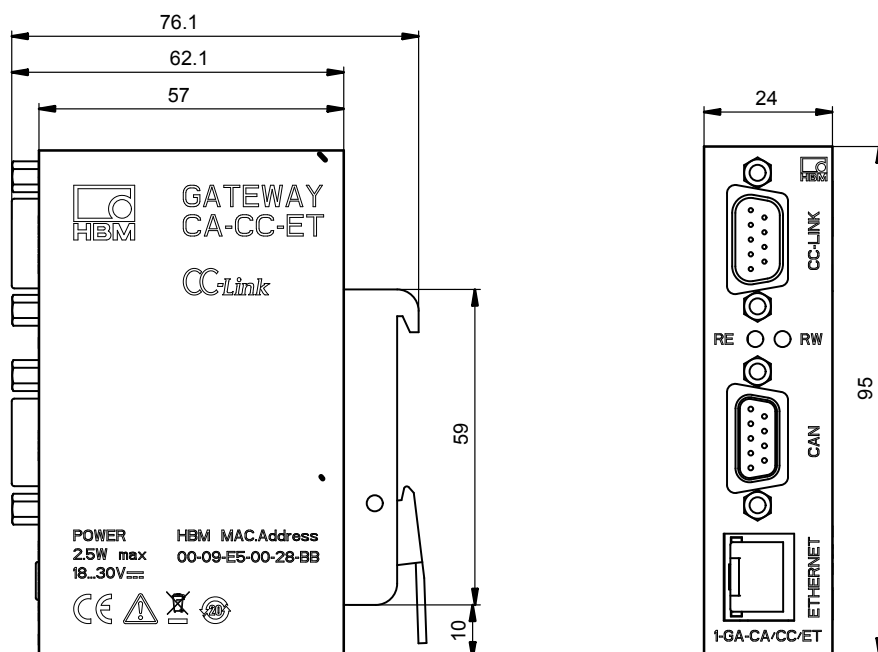
Connector assignments

**CC-Link interface and voltage supply
(pin connector)**

5
9
DG
DA
DB
GND
+24 V$_{DC}$
1
6

**CAN-Bus interface
(socket connector)**

1
6   CAN GND
CAN-Low
CAN GND
CAN-High
5
9

B3332-2.0 en

measure and predict with confidence

HBM