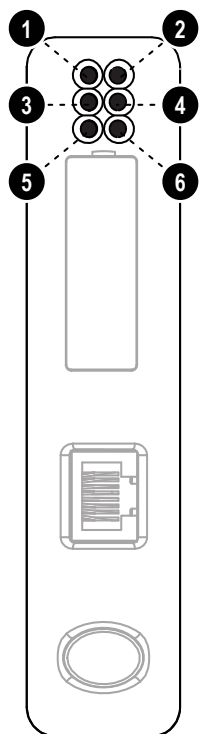


Module Front



LED Indicators

LED	Indication	Description
1 (Module Status)	Off	No power
	Green	Controlled by a scanner in run state
	Flashing Green	Not configured, or scanner in idle state
2 (Network Status)	Flashing Red	Minor fault (recoverable)
	Red	Major fault (unrecoverable)
	Flashing Green/Red	Self-test in progress
	Off	No IP address, or no power
3 (Link)	Green	Online, one or more EtherNet/IP connections established
	Flashing Green	Online, no connections established
	Red	Duplicate IP address detected. Fatal error.
	Flashing Red	One or more connections timed out
4 (Activity)	Flashing Green/Red	Self-test in progress
	Off	No Ethernet activity
5 (Subnet Status)	Flashing Green	Activity, receiving/transmitting Ethernet packets
	Green	Running, but one or more transaction errors
	Red	Running
	Flashing green	Transaction error/timeout or subnet stopped
6 (Device Status)	Green	Power on the Communicator (+24 V DC).
	Red	Configure the Communicator using ACM.
	Flashing green	Include the Anybus Communicator EDS file in the Ethernet/IP configuration tool.
	Red	Configure and start the Ethernet/IP network.
	Flashing red	
	Flashing red	

Accessories Checklist

The following items are required for installation:

- Anybus Communicator Resource CD (Includes configuration software, manuals and application notes)
- RS232 configuration cable
- Subnetwork connector
- Ethernet cable and connector (not included)

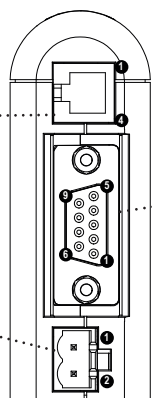
Installation and Startup Summary

- Mount the Communicator on the DIN-rail.
- Connect the Communicator to the Ethernet/IP network.
- Connect the Communicator to the subnetwork.
- Connect the configuration cable between the Communicator and the PC containing the Anybus Configuration Manager software (ACM).
- Power on the Communicator (+24 V DC).
- Configure the Communicator using ACM.
- Include the Anybus Communicator EDS file in the Ethernet/IP configuration tool.
- Configure and start the Ethernet/IP network.

Bottom View

PC Connector:

- 1. GND
- 2. GND
- 3. RS232 Rx
- 4. RS232 Tx



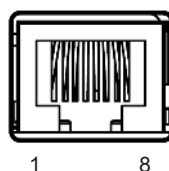
Power:

- 1. +24 V DC
- 2. GND

Subnetwork Connector

Pin no.	Description
1	+5V OUT
2	RS232 Rx
3	RS232 Tx
4	NC
5	Signal GND
6	RS422 Rx+
7	RS422 Rx-
8	RS485+ / RS422 Tx+
9	RS485- / RS422 Tx-

Ethernet/IP Connectors



Pin no	Description
1	TD+
2	TD-
3	RD+
4	Termination
5	Termination
6	RD-
7	Termination
8	Termination

Further information and documents about this product can be found at the product pages on [www.anybus.com](http://www.anybus.com).

UL Certification



IND: CONT. EQ.  
FOR HAZ LOC.  
CL I, DIV 2  
GP A,B,C,D  
TEMP  
CODE  
E203225

Warnings!

- **WARNING - EXPLOSION HAZARD - SUBSTITUTION OF ANY COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.**
- **WARNING - EXPLOSION HAZARD - WHEN IN HAZARDOUS LOCATIONS, TURN OFF POWER BEFORE REPLACING OR WIRING MODULES.**
- **WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS.**

Attention!

- **ATTENTION – RISQUE D’EXPLOSION – LE REMPLACEMENT DE TOUT COMPOSANTS INVALIDE LA CERTIFICATION CLASS I, DIVISION 2.**
- **ATTENTION – RISQUE D’EXPLOSION – EN ZONE EXPLOSIVE, VEUILLEZ COUPER L’ALIMENTATION ÉLECTRIQUE AVANT LE REMPLACEMENT OU LE RACCORDEMENT DES MODULES.**
- **ATTENTION – RISQUE D’EXPLOSION – NE PAS DÉCONNECTER L’ÉQUIPEMENT TANT QUE L’ALIMENTATION EST TOUJOURS PRÉSENTE OU QUE LE PRODUIT EST TOUJOURS EN ZONE EXPLOSIVE ACTIVE.**

Additional installation and operating instructions

- Max Ambient Temperature: 55°C (for Hazloc environments)
- Field wiring terminal markings (wire type (Cu only, 14-30 AWG)).
- Use 60/75 or 75°C copper (Cu) wire only.
- Terminal tightening torque must be 5-7 lb-in (0.5 - 0.8 Nm).
- Use in overvoltage category 1 pollution degree 2 environment.
- Installed in an enclosure considered representative of the intended use.
- Secondary circuit intended to be supplied from an isolating source and protected by overcurrent protective devices installed in the field sized per the following:

Control Circuit Wire Size		Maximum Protective Device Rating
AWG	(mm <sup>2</sup> )	Amperes
22	(0.32)	3
20	(0.52)	5
18	(0.82)	7
16	(1.3)	10
14	(2.1)	20
12	(3.3)	25

ODVA Conformity



EtherNet/IP CONFORMANCE TESTED™ is a certification mark of ODVA.

EMC Compliance (CE)



This product is in accordance with the EMC directive 89/336/EEC, with amendments 92/31/EEC and 93/68/EEC through conformance with the following standards:

- **EN 50082-2 (1993)**  
EN 55011 (1990) Class A
- **EN 61000-6-2 (1999)**  
EN 61000-4-3 (1996) 10 V/m  
EN 61000-4-6 (1996) 10 V/m (all ports)  
EN 61000-4-2 (1995) ±8 kV Air Discharge  
±4 kV Contact discharge  
EN 61000-4-4 (1995) ±2 kV Power port  
±1 kV Other ports  
EN 61000-4-5 (1995) ±0.5 kV Power ports (DM/CM)  
±1 kV Signal ports

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