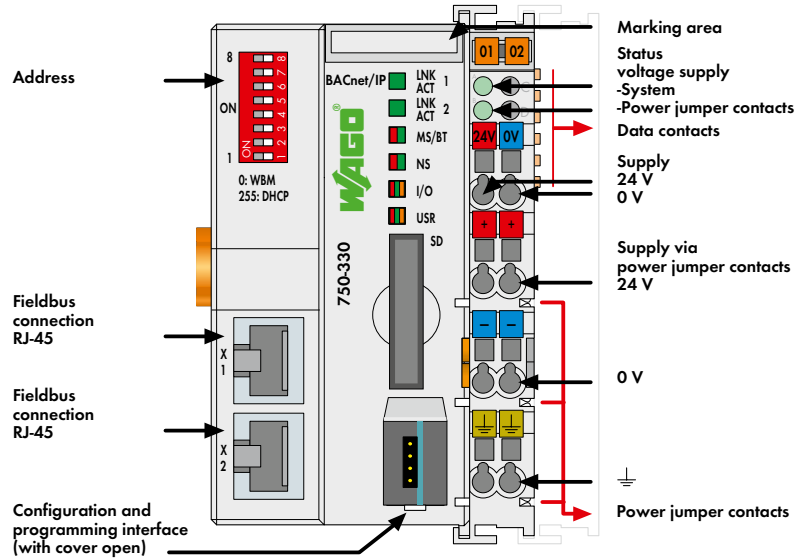


## BACnet/IP Fieldbus Coupler



The 750-330 BACnet/IP Fieldbus Coupler connects the modular WAGO-I/O-SYSTEM to the BACnet protocol and supports the B-BC BACnet device profile per DIN EN ISO 16484-5. The coupler communicates with other BACnet devices via BACnet/IP.

For each channel, appropriate BACnet objects are generated automatically for the digital and analog I/O modules that are connected to the fieldbus coupler (native server). The use of function, technology, and communication modules is not supported by the device.

Two ETHERNET interfaces and an integrated switch allow the fieldbus to be wired in a line topology. This eliminates additional network devices, such as switches or hubs.

The coupler is designed for fieldbus communication in both BACnet/IP and MODBUS networks.

An integrated Webserver provides user configuration options, while displaying coupler's status information.

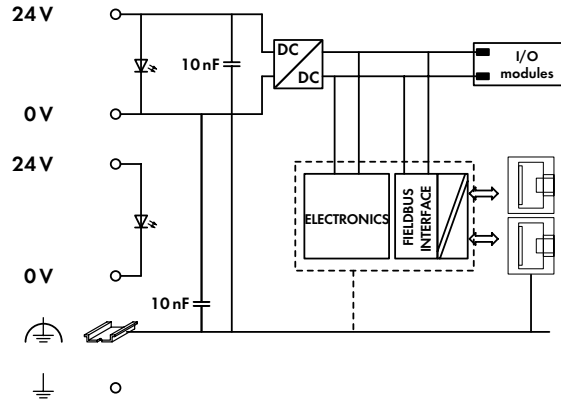
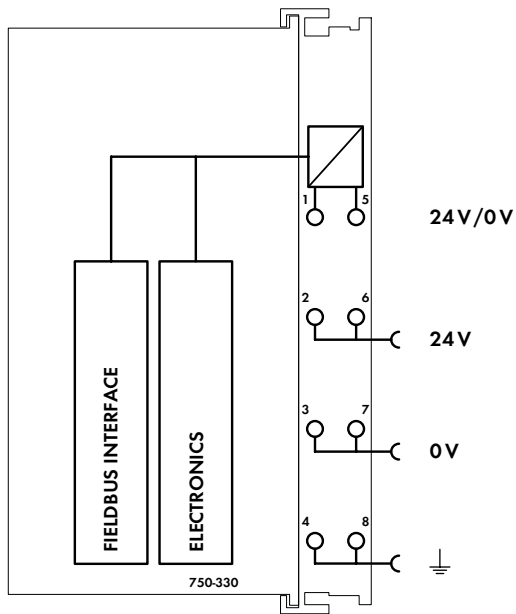
The 750-330 is equipped with a removable memory card slot. A memory card can be used to transfer device parameters or files (e.g., boot files) from one coupler to another. The memory card can be accessed via FTP and be used as an additional drive.

The maximum number of supported BACnet objects is 256.

BACnet networks are configured and commissioned using the Windows-compliant WAGO BACnet Configurator.

Description	Item No.	Pack. Unit
BACnet/IP Fieldbus Coupler	750-330	1
<b>Accessories</b>		
WAGO BACnet Configurator	Download: <a href="http://www.wago.com">www.wago.com</a>	
SD Memory Card, 2 GB	758-879/000-001	
Mini-WSB Quick Marking System, plain	248-501	50
<b>Approvals</b>		
Conformity marking	CE	

Technical Data	
Number of fieldbus nodes on master (max.)	Limited by ETHERNET specification
Transmission medium	Twisted Pair S-UTP
	100 Ω; Cat. 5;
	Line length (max.): 100 m
Baud rate	10/100 Mbit/s
Transmission performance	Class D per EN 50173
Connection technology:	
Fieldbus input/output	2 x RJ-45
Protocols	BACnet/IP; MODBUS (TCP/UDP); HTTPS; BootP; DHCP; DNS; FTP; SNMP
SD card slot	Push-push mechanism; Sealing lid
Type of memory card	SD and SDHC up to 32 GB (all guaranteed properties only valid with WAGO 758-879/000-001 Memory Card)
BACnet device profile	B-BC (BACnet Building Controller)
BACnet revision	1.12



#### Technical Data

Number of I/O modules per node (max.)	99
Number of I/O modules without bus extension (max.)	64
Configuration	Via PC
Flash	4.5 MB
Supply voltage (system)	24 VDC (-25 ... +30 %)
Input current (typ.) at nominal load (24 V)	500 mA
Power supply efficiency (typ.) at nominal load (24 V)	90 %
Current consumption (system supply)	450 mA
Total current (system supply)	1700 mA
Isolation	500 V (system/supply)

#### General Specifications

Ambient temperature (operation)	0 ... +55 °C
Connection technology	CAGE CLAMP®
Conductor range	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Strip lengths	8 ... 9 mm / 0.33 inch
Dimensions W x H x D	61.5 x 71.9 x 100 mm
Weight	161.8 g
Ambient temperature (storage)	-25 ... +85 °C
Relative humidity	95 % (non condensing)
Vibration resistance	Per IEC 60068-2-6
Shock resistance	Per IEC 60068-2-27
Protection type	IP20
EMC immunity to interference	Per EN 61000-6-2
EMC emission of interference	Per EN 61000-6-3