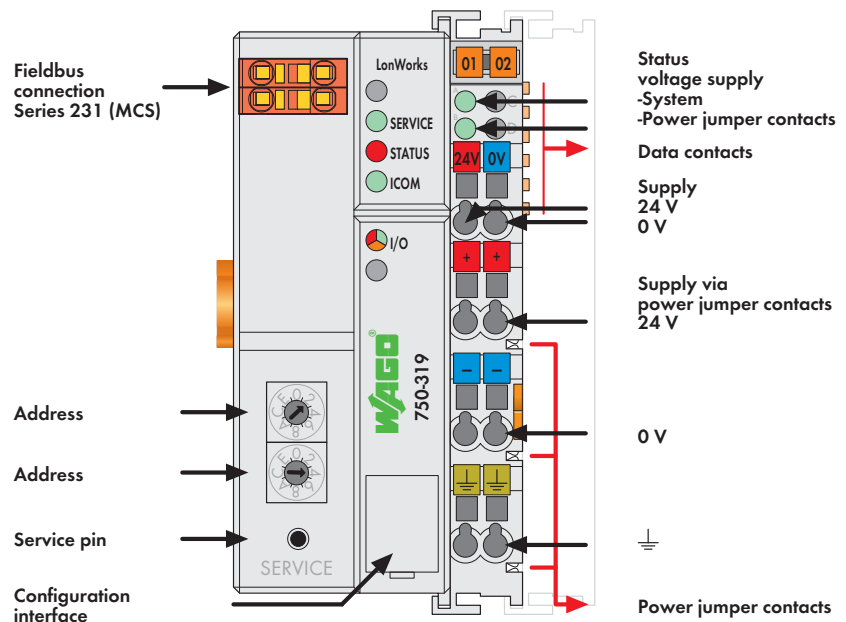




This buscoupler connects the WAGO-I/O-SYSTEM to the LON[®] fieldbus using FTT (Free Topologie Transceiver).

The buscoupler automatically configures, creating a local process image which may include analog, digital or specialty modules. Analog and specialty module data is sent via words and/or bytes, digital data is sent bit by bit.

The following LNS compliant plug-ins are available:

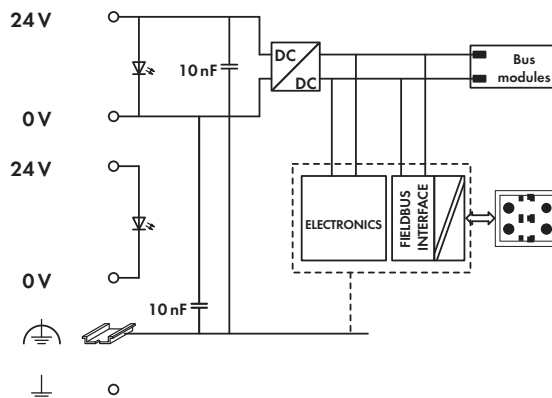
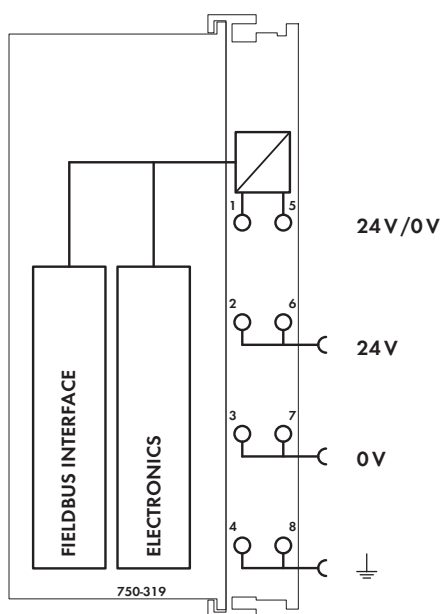
- WAGO TOPLOX[®]-PRIO (Programmable Remote I/O) is the interface between the I/Os of the fieldbus coupler and the LON[®] network
 - Processing of up to 248 digital or 124 analog inputs / outputs
 - To each network variable any SNVT can be assigned

- A maximum of 52 network variables, types available NVI/NVOs:
0/52; 20/32; 26/26; 32/20; 52/0
- WAGO TOPLOG®-IF (Installation Functions) with ready-to-use applications in any combination. For example, for stairwell light control, ambient light control, touch control dimmer, and window blind control.
 - Processing of up to 48 digital inputs /outputs
 - 48 network variables of the SNVT_switch type are available.

LON[®] and LONWORKS[®] are registered trademarks of Echelon Corporation.

Description	Item no.	Pack. unit
LonWorks®	750-319	1
Accessories	Item no.	Pack. unit
WAGO TOPLOM	see page 231	
Miniature WSB quick marking system,		
 plain	248-501	5
with marking	see pages 256 ... 257	
Approvals		
Conformity marking	CE	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
EN 60079-15	I M2 / II 3 GD Ex nA nL IIC T4	
	BR-Ex nA II T4	

[illegible]



Technical Data

Number of I/O modules	62
Digital signals	max. 248 (in- and output)
Analog signals	max. 124 (in- and output)
Configuration	via PC with LON Interface
Voltage supply	DC 24 V (-15 % ... +20 %)
Max. input current (24 V)	500 mA
Efficiency of the power supply	87 %
Internal current consumption (5 V)	300 mA
Total current for I/O modules (5 V)	1700 mA
Isolation	500 V system/supply
Voltage via power jumper contacts	DC 24 V (-15 % ... +20 %)
Current via power jumper contacts (max.)	DC 10 A
Transceiver	FTT 10 A

General Specifications

Operating temperature	0 °C ... +55 °C
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Dimensions (mm) W x H x L	51 x 65 x 100
	Height from upper-edge of DIN 35 rail
Weight	200 g
Storage temperature	-25 °C ... +85 °C
Relative air humidity (no condensation)	95 %
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27
Degree of protection	IP20
EMC  Immunity to interference	acc. to EN 50082-2 (1996)
EMC  Emission of interference	acc. to EN 50081-1 (1993)