

- Communication on RS485—2 wire, Wifi or Ethernet serial line
- Power supply 8...30Vdc
- Configurable by web interface / command prompt
- Signaling LED (GREEN, RED, YELLOW, YELLOW)
- 3 way galvanic isolation
- Compact dimensions



LED "DC OK", LED "Alarm", LED "TX", LED "RX".

CODE TYPE	XBIRRS485ET	XBIRRS485WI	XBIRRS485CP
TECHNICAL DATA			
WiFi connector	—	RP—SMA WIFI	—
Serial ports	1 RS485	1 RS485	1 RS485
Network interfaces	Ethernet 10/100 (Base TR/TX)	WiFi 802.11b/g	Ethernet 10/100 (Base TR/TX)
Protocol	ModbusRTU/ Ethernet	ModbusRTU/ WiFi	conversion from ModbusRTU/ to Modbus TCP
Speed	up to 1Mbit/s	up to 1Mbit/s	up to 1Mbit/s
MOBUS TECHNICAL DATA			
Speed distance	0.6Km @ 38,4Kbps	0.6Km @ 38,4Kbps	0.6Km @ 38,4Kbps
	0.9Km @ 19,2Kbps	0.9Km @ 19,2Kbps	0.9Km @ 19,2Kbps
	1,2Km @ 9,6Kbps	1,2Km @ 9,6Kbps	1,2Km @ 9,6Kbps
	2Km @ 4,8Kbps	2Km @ 4,8Kbps	2Km @ 4,8Kbps
	3Km @ 2,4Kbps	3Km @ 2,4Kbps	3Km @ 2,4Kbps
	7Km @ 1.2Kbps	7Km @ 1.2Kbps	7Km @ 1.2Kbps
Impedance of RS485 line	120Ω	120Ω	120Ω
Max number of connectable devices in RS485	32	32	32
GENERAL TECHNICAL DATA			
Power supply voltage	8...30 Vdc	8...30 Vdc	8...30 Vdc
Current consumption	≈ 41mA	≈ 41mA	≈ 41mA
Baud rate	1200÷230400 bps (programmable)	1200÷230400 bps (programmable)	1200÷230400 bps (programmable)
Parity	None,Odd, Even, Mark, Space	None,Odd, Even, Mark, Space	None,Odd, Even, Mark, Space
Operating temperature range	—20...+70°C	—20...+70°C	—20...+70°C
Insulation	1.5 kVac /60s	1.5 kVac /60s	1.5 kVac /60s
Insulation type	3 way	3 way	3 way
Standard approvals	—	—	—
EMC Standards	EN 61000—2, EN 61000—4	EN 61000—2, EN 61000—4	EN 61000—2, EN 61000—4
Overvoltage category / Pollution degree	III/2	III/2	III/2
Protection degree	IP20	IP20	IP20
Connection terminal RS485	2.5 mm ²	2.5 mm ²	2.5 mm ²
Connection terminal Ethernet	Shielded RJ45 connector	—	Shielded RJ45 connector
Connection terminal WiFi	—	RP—SMA WiFi	—
Housing material	Blend PC/ABS self—extinguishing	Blend PC/ABS self—extinguishing	Blend PC/ABS self—extinguishing
Dimensions	23x79x101	23x79x101	23x79x101
Approximate weight	100 g	100 g	100 g
Mounting informations	on a rail, side by side	on a rail, side by side	on a rail, side by side
APPROVALS			
ACCESSORIES			
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	—	—	—
Marking tag	—	—	—