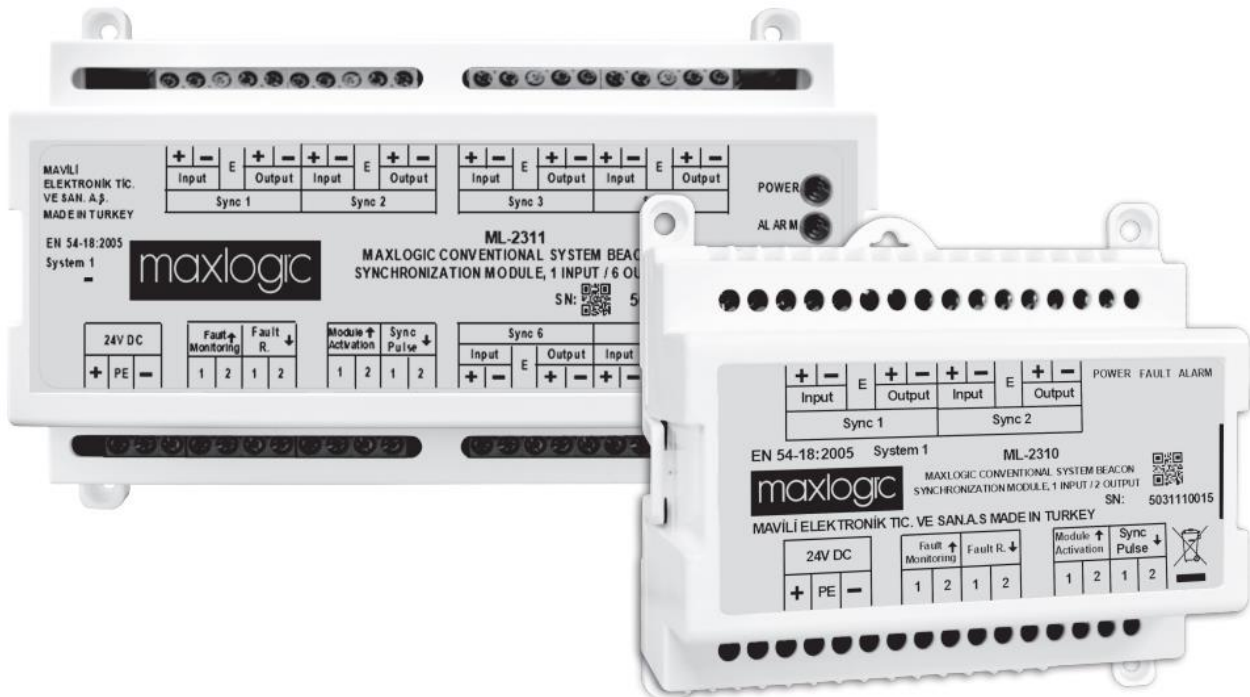


ML-2310 MAXLOGIC CONVENTIONAL SYSTEM BEACON SYNCHRONIZATION MODULE, 1 INPUT / 2 OUTPUT
ML-2311 MAXLOGIC CONVENTIONAL SYSTEM BEACON SYNCHRONIZATION MODULE, 1 INPUT / 6 OUTPUT



Maxlogic conventional system beacon synchronization modules are designed to enable beacons to **operate in a zonal synchronized operation**. There are two different models as **ML-2310** and **ML-2311**. **ML-2310** model has **one module activation input and two synchronous drive outputs**. **ML-2311**, has **one module activation input and six synchronous drive outputs**. The Maxlogic&Mavigard Conventional Panel is designed to **work with Addressable Panels and Gas Panels**.

PRODUCT FEATURES

- Complies with **EN 54-18** standard
- Ability to connect **max. 15 flashers** (ML-2420, ML-2450, ML-2470) to each **synchronization output**
- Ability to use **ML-1371.X** and **ML-1373.X series modules** for siren outputs and **ML-1361.X** modules for alarm outputs in addressable fire alarm control panel
- Microprocessor controlled
- **Superior and stable operating performance**
- Ability to monitor module status with **Power, Alarm and Fault LEDs**
- **Easy installation** and use
- **Impact resistant** plastic case

TECHNICAL SPECIFICATIONS

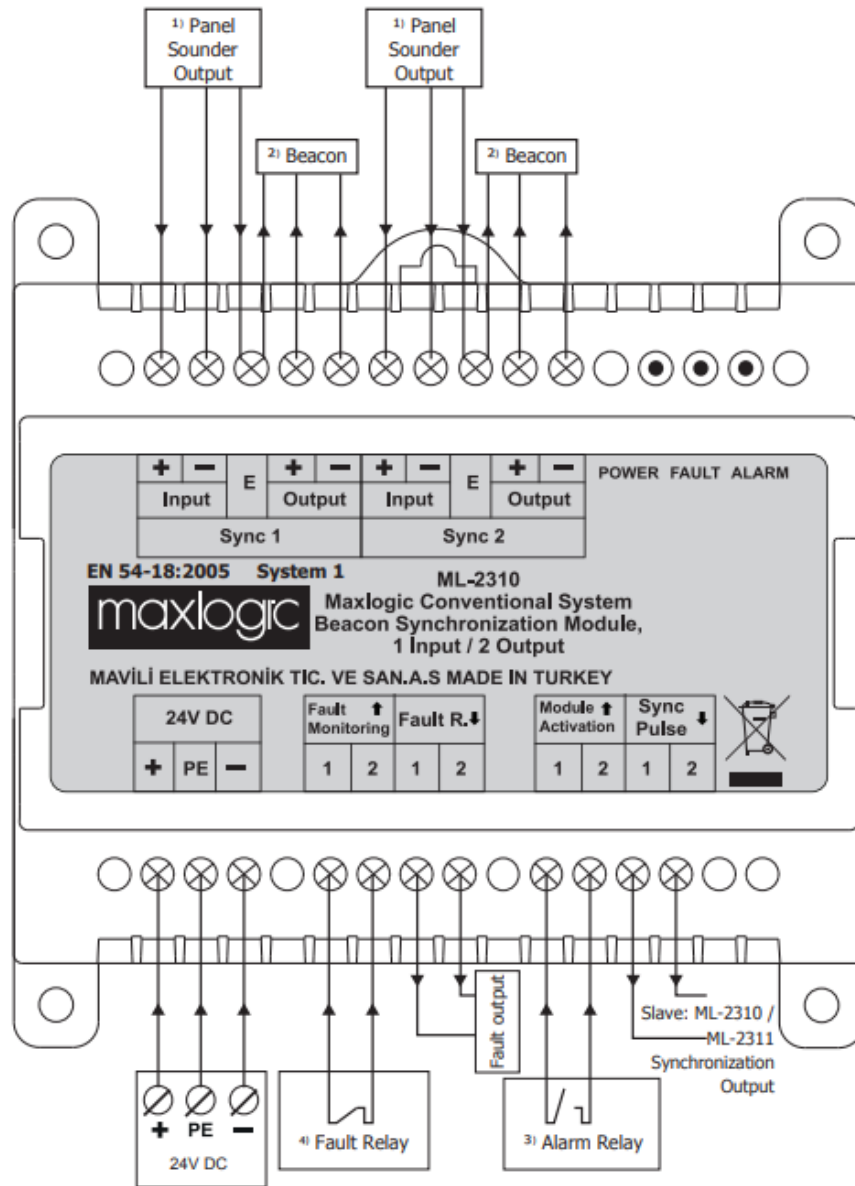
Product		ML-2310	ML-2311
Supply Voltage:		18-30V DC	
Quiescent Current:		32 mA	32 mA
Alarm Current	Master Mode:	80 mA	105 mA
	Slave Mode:	55 mA	80 mA
Led Color:		POWER: Green ALARM: Red FAULT: Yellow	
Operating Temperature:		(-10 °C) - (+55 °C)	
Storage Temperature:		(-30 °C) - (+60 °C)	
Relative Humidity:		%95 (@40°C non-condensed)	
Communication Protocol:		Conventional	
Fault Relay Output (NC):		0.1A 50V DC	
Synchronous Output:		0.5A 50V DC	
Height / Width / Depth:		100mm / 100mm / 52mm	86mm / 158mm / 60mm
Weight:		140g	235g
Cable Type @ Distance	Module Communication:	CAT6/7 S-FTP or 2x0.75 LIHCH FE 180 / PH 120 @1200meters	
	Sync. Input / Output:	1x2x0,8+0,8JH(st)H @ 1000m 1x2x1,0+0,8JH(st)H @ 1250m 1x2x1,5+0,8JH(st)H @ 2500m	
	Power Supply:	ML-0515 MaxLogic SMPS Power Supply, 5A	

MODELS

Product	Definitions
ML-2310	Maxlogic Conventional System Beacon Synchronization Module, 1 Input / 2 Outputs
ML-2311	Maxlogic Conventional System Beacon Synchronization Module, 1 Input / 6 Outputs

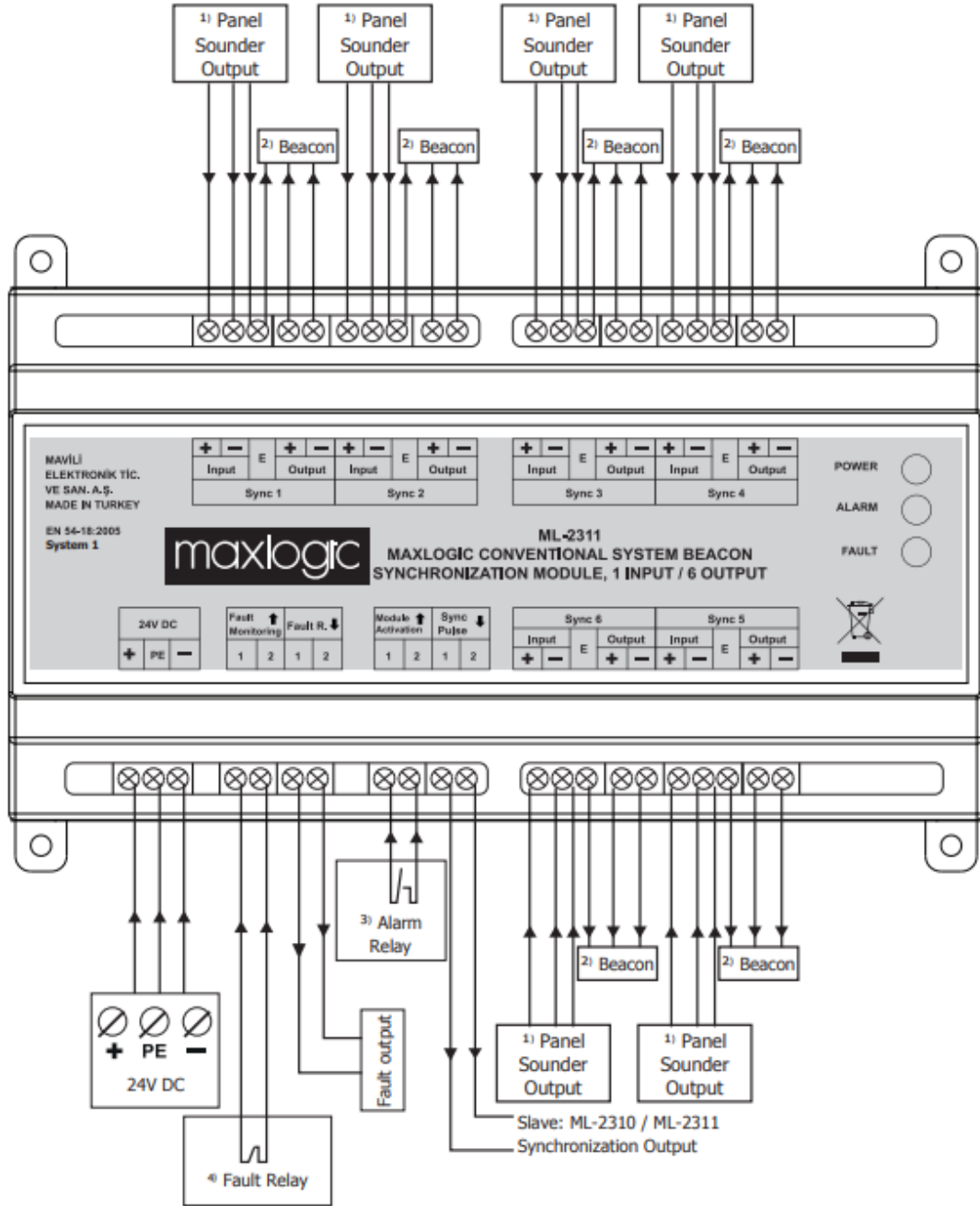
CABLE CONNECTION

ML-2310 Cable Connections



- 1) Panel Sounder Output or ML-137X Sounder Output
- 2) ML-2420, ML-2450, ML-2470 Beacons (Max. 15 Pieces)
- 3) Panel Alarm Relay or ML-1361 Relay Output
- 4) Panel, Power Supply Fault Relay

ML-2311 Cable Connections



- 1) Panel Sounder Output or ML-137X Sounder Output
- 2) ML-2420, ML-2450, ML-2470 Beacons (Max. 15 Pieces)
- 3) Panel Alarm Relay or ML-1361 Relay Output
- 4) Panel, Power Supply Fault Relay