

Electronic Controller for Electromagnetic Vibrator

▶ **MTR01-DIG** **PNP** **230V** **IP55**



**General**

Digital 3 Phase 230V Motor-Driven Feeder and input sensor NPN/PNP 3 delay (On/Off - Allarm absence pieces ). Qualification input for multiple electromagnetic system (linear-bowl feeder - hopper) - Second PNP sensor with delay message alarm.

**General Characteristics**

Voltage 230V • input sensor NPN/PNP • delay ON/OFF max 10 sec. • delay and allarm absence pieces (10 ÷ 180 sec.) • supply EV air blow (24Vcc) with delay (2 sec.) pover supply 24Vca • Motor • Thermal overload • IP55.

**Applications**

3 Phase Motor-Driven Feeder with NPN/PNP sensor On/Off delay and Allarm delay.

**Options**

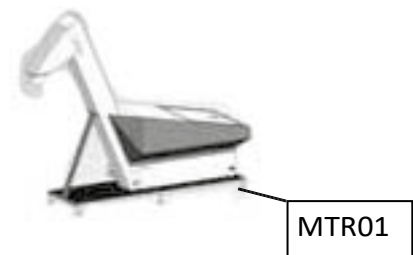
Label custom • Connector for motor - Line - SW custom.

**Electrical Characteristis**

Supply Voltage:	230V ±10% 50/60 Hz
Consumption:	1,5 W max
Voltage Motor:	3x230V
Protection Motor:	Thermal Overload
Type Of Sensors:	PNP sensors
Energization Delay (T1):	0-20 Sec.Reg.
De-energization Delay (T2):	0-20 Sec.Reg.
Delay Alarm:	10 ÷ 180 sec.
2° Sensor:	PNP (0 ÷ 20 sec.)
Supply Voltage EV air blow:	24Vcc (delay 2 sec.)
Degree of Protection:	IP55 in box
Temperature Of Storage:	-25 °C /+80 °C
Temperature Of Operation:	-15°C / +45°C
Range Of Relative Humidity:	80%Till To 31 °C
Altitude:	Till to 2000 Meters
Guarantee:	1 year (from date on circuit)



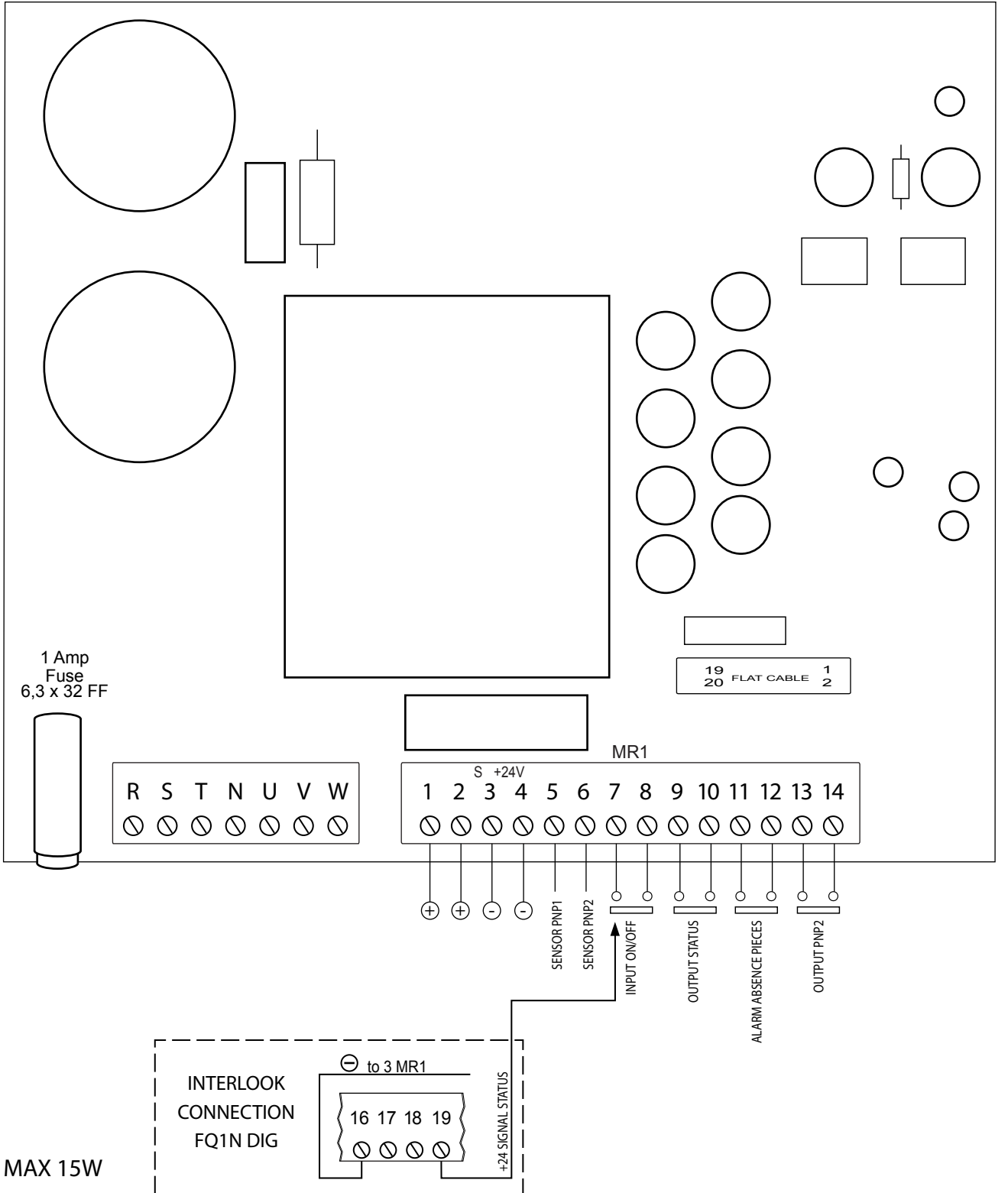
**METALLIC BOX**  
**MTR01 DIG**  
PV MTRDI Z6 INV  
130x180x190



**Available Versions**

Type	Box	Colour	Dimensions	Code	Price €
MTR01 DIG	Metallic Box	Black	130 x 180 x 190	PV MTRDI Z6 SM1	
MTR01 DIG-INV	Metallic Box	Black	130 x 180 x 190	PV MTRDI Z6 INV	

FLAT CABLE: MAX 0.5 METER



RIF. N° CONN1	DESCRIPTION
R-S-T-N	LINE
U-V-W	OUTPUT MOTOR
7-8	ENABLE
9-10	OUTPUT STATUS



Description: ELECTRONIC CIRCUIT MTR01 DIG MAIN BOARD

CODE	REV	DATE	DRAFTSMAN	SHEET
DTMTR01MAINBOARD	00	01/12	E. PEDRAZZI	1/1

MTR