Electronic Controller for Electromagnetic Vibrator

MTR01-DIG PNP 230V IP55



METALLIC BOX
MTR01 DIG
PV MTRDI Z6 INV
130x210x200

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 PNP sensor On/Off delay and Alarm delay.

Options

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



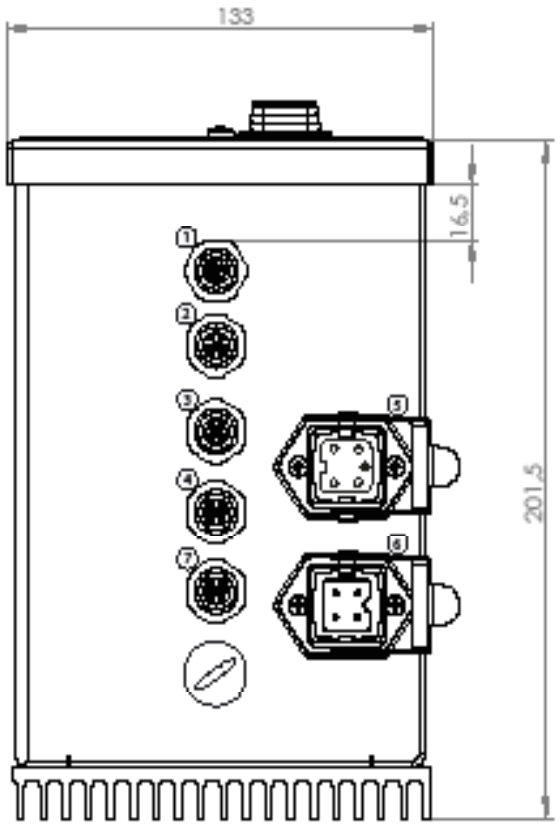
Technical Specs

Supply Voltage:	230V ±10% 50/60 Hz
Consumption:	1,5 W max
Voltage Motor:	3x230V
Protection Motor:	Thermal Overload
Sensor Input:	10/30Vcc
Type Of Sensors:	PNP sensors
Energization Delay (T1):	0-20 Sec.Reg.
De-energization Delay (T2):	0-20 Sec.Reg.
Air Blow Delay:	0/2 sec.
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%up to 31 °C
Altitude:	up to 2000 Meters
European Norms:	EMC CE
Warranty:	1 year (from date on circuit)

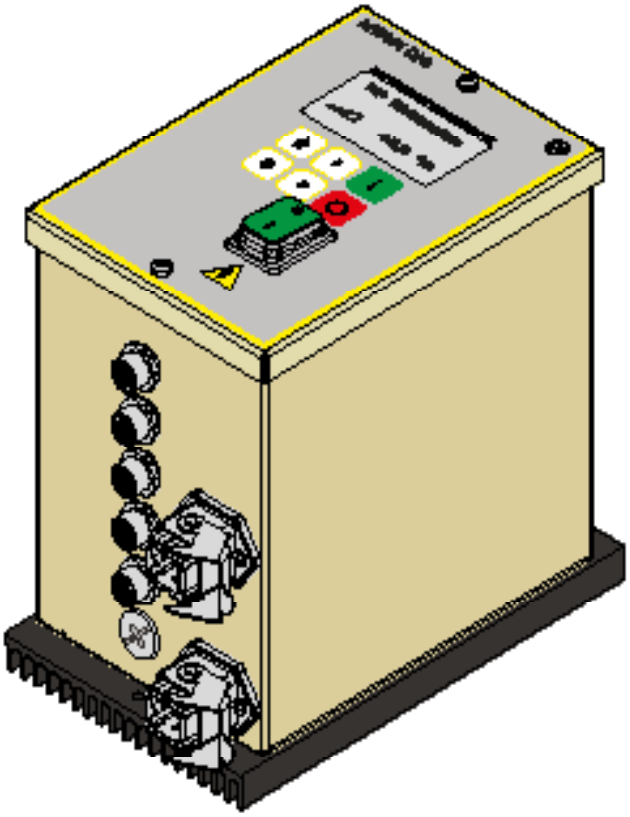
Available Versions

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	

DIMENSIONS/CONNECTIONS



CONNECTORS ON REQUEST
Female line 230V connector - Male motor connector
M12 connector



M12 CONNECTORS

1	SENSOR 1 Track
1	+24V
2	
3	GND
4	INPUT
5	

4	OUT TIME OUT/PNP2
1	+24V TIME OUT
2	
3	0V
4	+24V OUT PNP2
5	

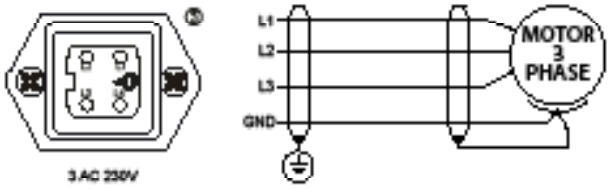
2	SENSOR PNP2
1	+24V
2	
3	GND
4	INPUT
5	

5	OUT MOTOR
L1	MOTOR
L2	MOTOR
L3	MOTOR
4	
5	GND

3	ENABLE/STATUS
1	+24V
2in+2N	ENABLE
3	GND
4	OUT STATUS
5	

6	LINE 230V
1	L
2	N
3	
PE	GND

7	OUT ALARM MOTOR
1	+24V ALARM
2	
3	0V
4	
5	



USCITA MOTORE 230V TRIFASE

STANDARD MODEL

Digital control MTR01 DIG

Connectors *M12 :*

Input: *2° sensor PNP*

Input: *enable +24V - Contact without voltage*

Output: *Status +24V*

Output: *+24V time out Alarm - OUT PNP2 (24V)*

GUARANTEE

1) The controller is guaranteed for a period of 1 year from the date shown on the inside.

2) The guarantee covers the free replacement or repair of components parts that are defective at origin for manufacturing errors.

3) The guarantee is not valid for damage caused accidentally due to improper use or negligence and in case of alterations or repair carried out by unauthorized persons.

Design and specifications could be subjected to change without notice.