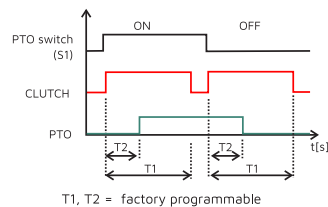


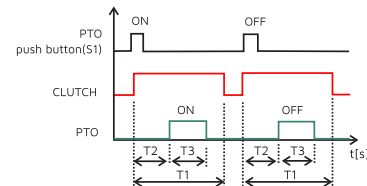


PERMANENT PTO SIGNAL

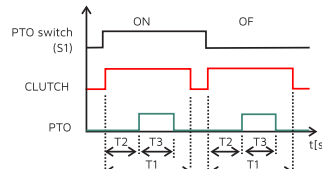


T1, T2 = factory programmable

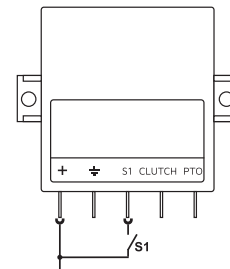
PULSE ON / PULSE PTO SIGNAL



PULSE PTO SIGNAL



T1, T2, T3 = factory programmable



S1... switch activate the PTO procedure

KEY FEATURES

- ⊕ **2 Channels** – Clutch and PTO control
- ⊕ **Positive or Negative Relay Outputs**
- ⊕ **Pulse or Permanent** PTO engagement procedure
- ⊕ **Powered by either 12 or 24V**
- ⊕ **Factory Programmable**
- ⊕ **Ready for Immediate Operation**

The vehicle **PTO** engagement and disengagement action uses the main transmission clutch and a control mechanism which physically engage the PTO itself. Typically, an air valve is used to engage the PTO. There are a number of different types of PTO and different engagement procedures.

The PTO TIMER is designed to manage the properly engagement of PTO with two control signals, one for clutch and another for PTO valve. It is factory programmed to specific chassis brands and types. The control and activation signal can be permanent or pulse and positive or negative.



SPECIFICATIONS

POWER

Supply Voltage 8-30 V DC

Current 0.2 A maximum, no outputs active

Electrical Protection reverse polarity, overvoltage

I/O AND INTERFACE

Relay Output 1 x CAN

OUT1 negative or positive switching, max. 1 A

OUT2 negative or positive switching, max. 1 A

Loads inductive, resistive

ENVIRONMENT

IP Class (IEC259) IP20

Temperature Range storage from -40° to +85°C
operating from -40° to +85°C

ENCLOSURE

Housing Material ABS

Mounting with 2 screw

Connector faston 6.3 x 0.8

SIZE AND WEIGHT

W x H x D 60 x 60 x 27 mm without connector

Weight 0.1 kg

PRODUCT CODE

PTO24I+-I	PTO-TIMER-24-I-8+/3/4-, clutch +, pto -(pulse), switch input-permanent, Renault
PTO24P+-	PTO-TIMER-24-P-5+/3, clutch +, pto -, Scania/Iveco
PTO24P++	PTO-TIMER-24-P-5+/3, clutch +, pto +, MAN/Mercedes

DIMENSIONS

