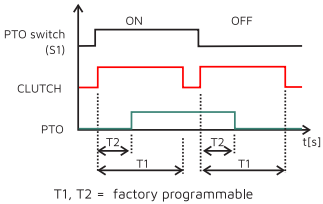
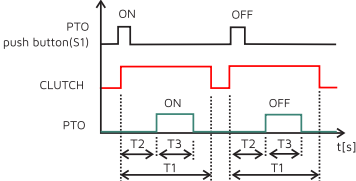




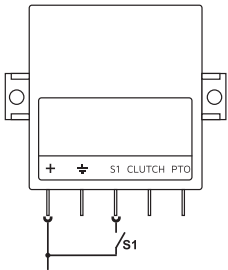
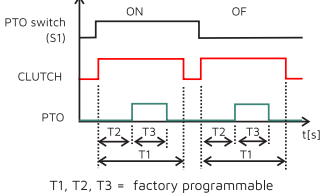
PERMANENT PTO SIGNAL



PULSE ON / PULSE PTO SIGNAL



PULSE PTO SIGNAL



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
OUT1	negative or positive switching, max. 1 A
Loads	inductive, resistive

ENVIROMENT

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

