

Technical Data Sheet



CK183 TCU CONTROL KIT

Electric/Pneumatic Controls

The manual switch control, CK183, is designed to operate an air shift PTO via a dash mounted rocker switch activating a remotely mounted solenoid valve.

With a lockable rocker switch the generic CK183 system provides easier installation with no airlines required in the cabin and no damage to truck dashboards.

The system is also available in PTO Integration Control Kit (PICK) form to allow integration into the trucks TCU. The kits include all necessary OEM switches and relays.

Product Features

- **Pre packaged system kit**
Everything provided for installation. Allows integration into the trucks control system.
- **Compact design**
No unsightly "bolt on" inside a new cab.
- **IP6K9K rating**
Ensuring operation in all conditions.

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Solenoid Direct Operated Poppet Valve - Normally Closed	
Operating Pressure	5-10 bar (72 to 145 psi)
Orifice	2.1mm
Power Consumption	8.7W (12V @ 0.73A - 24V @ 0.36A)
Protection Class	IP6K9K
Connector	2 Terminal Tyco HDSCS
Operating Temperature	-40 to 85°C Air must be dry to avoid ice formation at temperatures below 2°C
Valve Body	PA glass filled
Internal Parts	Stainless Steel
Seals	HNBR

CONTROL KIT DESIGNATION CODES

TCU Series CK183

CK 183 H A - 24

Identifier

CK = Control Kit

Kit Series

183

Truck Make

Omit = generic

F = Fuso

H = Hino

I = Iveco

U = UD

Z = Isuzu

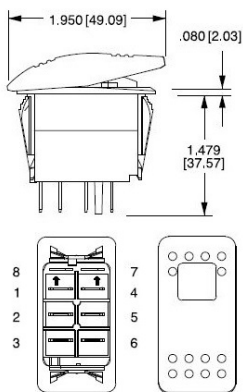
Variant

A, B, C, D etc (Omit for generic) - See eGuide for reference.

Voltage

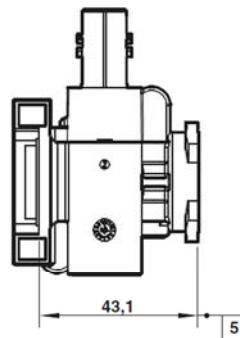
12 = 12V

24 = 24V

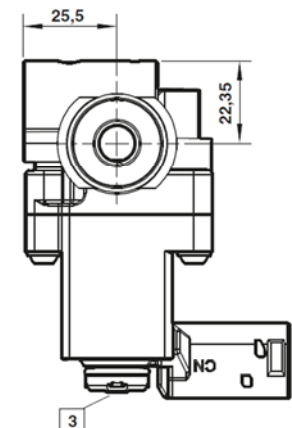
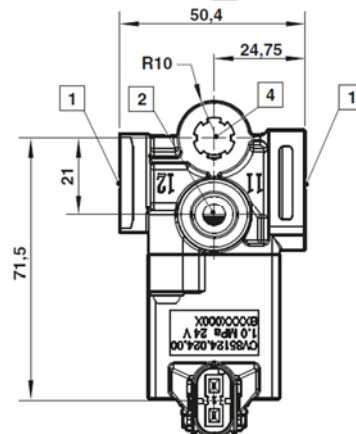
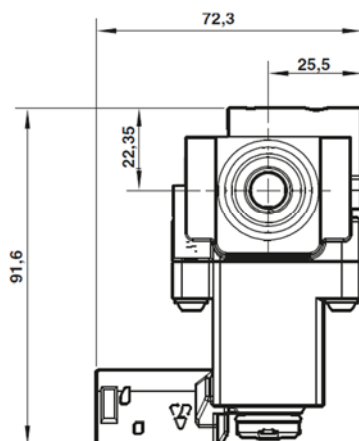


Note: In the generic kit the PTO switch is a safety switch, and to operate it, the top of the orange button needs to be pulled down while pushing the top of the switch in.

- 1 Inline port x 2
(use either inlet port + use blanking plug in other)
- 2 Outlet port
- 3 Exhaust port
- 4 Mounting hole
- 5 Stacked option pitch dimension



Note: The valves are rated to a maximum air pressure of 10 Bar. It is necessary to install a pressure regulator on vehicles with a higher pressure. Operating at higher than 10 Bar will void the warranty.



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