




TL-4

 Approved:
MD, EMC, LVD

- Fulfils the requirements in EN 574
- Efficient screening of the operators hands
- Robust construction / material
- Delivered with mechanical push buttons

Function:

The two hand panel TL-4 is a safety actuator panel for efficient screening of the operator's hands.

Combined with the two hand control relay HR-8 or HR-20, an increased degree of safety for the operator is achieved in connection with work processes such as punching or pressing.

Technical facilities regarding safety requirements:

- Two (serial-coupled) contact units with 2 NC and 2 NO functions (forced) for double safety
- Screened push buttons acc. to the European standard
- Extra safety by means of a built-in two-pole emergency stop button
- Safe design of the push button return spring ensures that the contacts are always released
- Numbered and colour coded push button terminals

User's advantages:

- Easier operation of the push buttons than common push buttons
- Panel is detachable
- Solid construction and material
- Easy installation and implementation
- Meets the requirements of the Machinery Directive (98/37/EC)

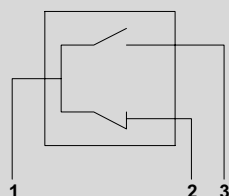
Description:

- Two hand panel with mechanical push buttons
- Emergency stop is installed

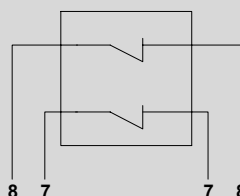
➔ **Technical specifications, see page 44-45**

Connection diagram

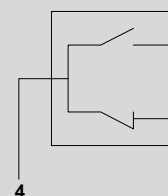
Left push button



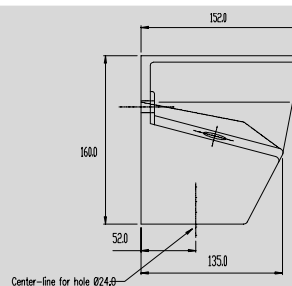
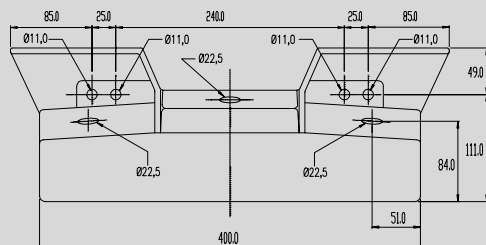
Emergency stop



Right push button



Physical dimensions

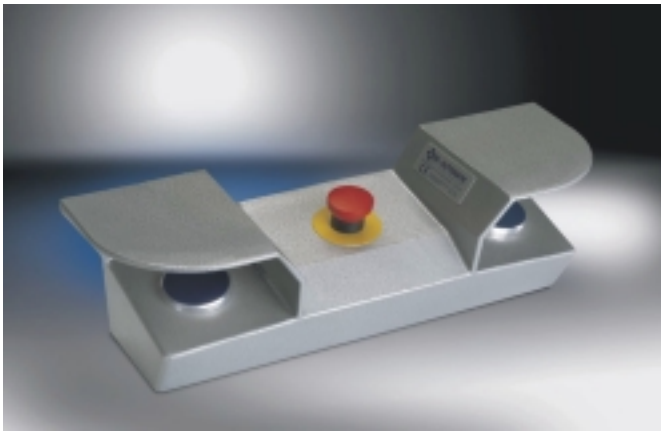


Technical data

Contact equipment:	2 BACO push buttons and 1 BACO emergency stop button with a contact block
Max. contact load:	16A 250 VAC
Mechanical lifetime:	> 10 ⁶
Consumption:	-
Casing:	IP 65
Weight:	3,7 kg

Order information

Article name	Article no.
TL-4	42800004
TLS (stand for TL-4)	42800024 (Height: 1100 mm)



TL-4C

CE Approvals:
MD, EMC, LVD

- Fulfills the requirements in EN 574
- Efficient screening of the operators hands
- Robust construction / material
- Prepared for installation of hand sensor actuator, TST-2

Function:

The two hand panel TL-4C is a safety actuator panel for efficient screening of the operator's hands. Combined with the two hand control relay HR-8 or HR-20, an increased degree of safety for the operator is achieved in connection with work processes such as punching or pressing. Combined with Duelco TST-2, TL-4C is especially useful for work processes with a high activation frequency.

Technical facilities regarding safety requirements:

- Duelco's hand sensor actuator TST-2 fulfils the requirements of doubling and monitoring (Note: TST-2 must be ordered separately)
- Screened push buttons acc. to the European standard
- Extra safety by means of a built-in two-pole emergency stop button
- Ready for mounting of Duelco hand sensor actuator TST-2
- Numbered and colour coded terminals

User's advantages:

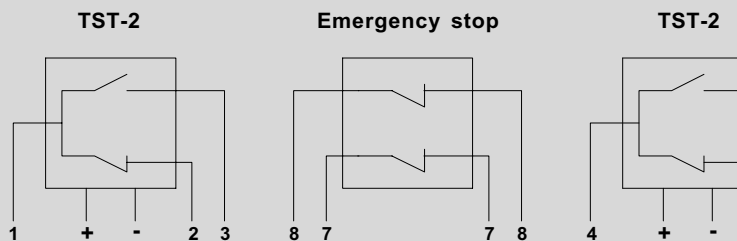
- Easier operation of the hand sensor actuators than common push buttons
- Panel is detachable
- Solid construction and material
- Easy installation and implementation
- Meets the requirements of the Machinery Directive (98/37/EC)

Description:

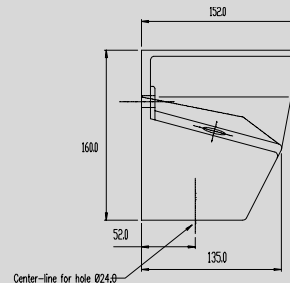
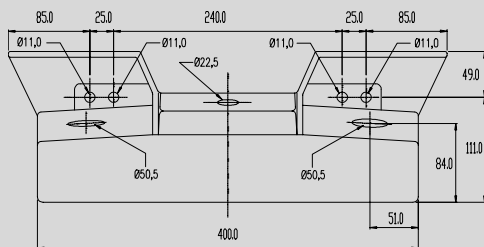
- Two hand panel with possibility for mounting Duelco TST-2
- Emergency stop is installed

➔ **Technical specifications, see page 44-45**

Connection diagram



Physical dimensions



Technical data

- Contact equipment: Two capacitive hand sensor actuators Duelco TST-2 have to be mounted. One BACO emergency stop button with a contact block is mounted.
- Max. contact load: TST-2, 0,5A 24VDC
- Contact block: 16A 250VAC
- Mechanical lifetime: > 1 million
- Consumption: Ca. 6 VA
- Casing: IP 54
- Weight: 3,7 kg

Order information

Article name	Article no.
TL-4C (exclusive TST-2)	42800014
TST-2 (actuator)	42000002
TLS (stand for TL-4C)	42800024 (Height: 1100 mm)