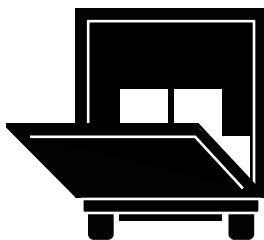


TLP

Wall-mounted control station




























TRUCK TAIL LIFT

Single row wall-mounted control station  
from 1 to 4 push buttons for truck tail lift

Features

- Bi-directionality is mechanically interlocked;
- IP65 Double insulation (IEC / EN 60529);
- Laser engraved symbols according to EN 60204-1, FEM 9.941;
- Shock proof and heat resistant;
- Available versions: from 1 to 5 holes;
- Available with UL/CSA requirements;
- Available upon request also in V0 material, UL approved.
- Available in kit version.

Available codes

							
TLP1.EPP							
TLP1.ESR							
TLP2							
TLP3.B							
TLP3.D							
TLP4.C							
TLP4.E							








Compliance and certifications

- EN 60947-1 (2007/A1 : 2011/A2 : 2014)
- EN 60947-5-1 (2004/A1 : 2009/AC : 2004/AC : 2005)
- EN ISO 13850 (2015)
- EN 60204-1 (2006/A1 : 2009)
- EN-ISO 13849-1 (2015)
- EN ISO 13849-2 (2012)
- EN 60529 (1991/A1 : 2000/A2 : 2013)
- EN 50581 (2012)
- IEC 63000 (2016)
- 2014/35/UE
- 2011/65/UE
- 2015/863/UE

Technical data

General characteristics		
Compliant to standards		IEC / EN60947-5-1
Material		PP (Moplen)
Material Group		II
Pollution class		3
Temperature	operating storage	-25°C ... +70°C -30°C ... +70°C
Cable entry		Cable gland M20

Electrical characteristics - Contact blocks

Marking		      	
Rated insulation voltage [Ui]		690 V *	
Rated impulse withstand voltage [Uimp]		4 kV *	
Frequency		50/60 Hz *	
Rated thermal current [Ith]		16 A *	
Rated thermal current in enclosure [Ithe]		10 A	
<b>Rated operational current [Ie]</b>			
AC-15 alternate current	type: PCW..	24 V	16 A *
		60 V	12 A
		110 V	5 A
		240 V	5 A *
		400 V	4 A
		440 V	4 A
		500 V	4 A *
		690 V	2 A
DC-13 direct current	type: PCW..	24 V	2 A
		48 V	2 A *
		60 V	1 A *
		110 V	0.4 A
		250 V	0.4 A *
Conditional short circuit withstand current		1000 A *	
Fuses rating gC		10 A * - 500 V	
Contact insulation resistance		≤ 25 mΩ	
Switching mechanism	type: PCW..	slow break double gap contacts	
Positive operation		NC contact blocks - positive opening	
Operating force		4 N	
Electric durability AC-15		1 A	1.5 millions of cycles
		2 A	0.5 millions of cycles
		3 A	0.25 millions of cycles
Terminal type	type: PCW..	M3.5 screw terminals	
Terminal capacity	type: PCW..	N° 1 or 2 flexible and solid conductor 1 ... 2.5 mm²	
Climate resistance	IEC68 part 2-3 IEC68 part 2-30	damp heat, steady state damp heat, cyclic	

UL508 characteristics

Rated insulation voltage [Ui]		10 A - 600 V ac / 2.5 A - 125 V dc
Rated impulse withstand voltage [Uimp]		A600-Q600

\* IMQ approved values



Available codes



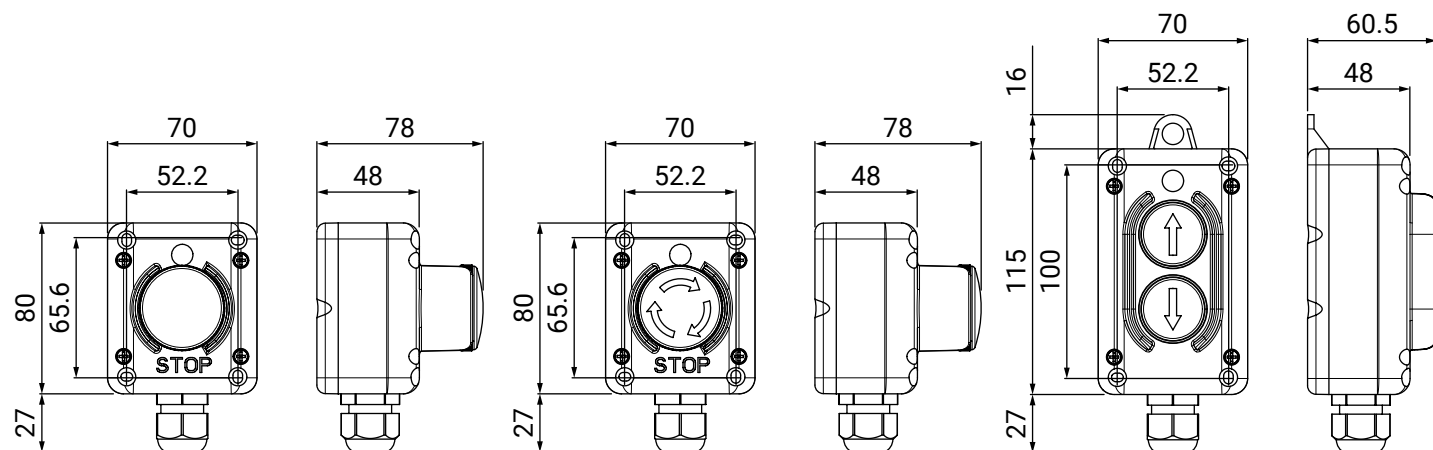
**TLP1.EPP**



**TLP1.ESR**



**TLP2**



Wall-mounted control station

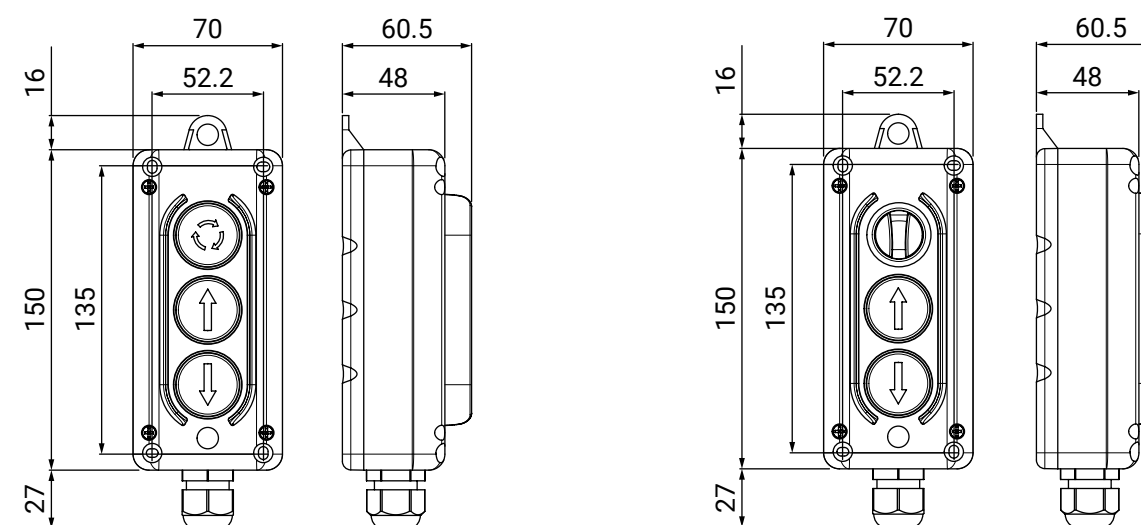
Available codes



**TLP3.B**



**TLP3.D**



TLP

Wall-mounted control station

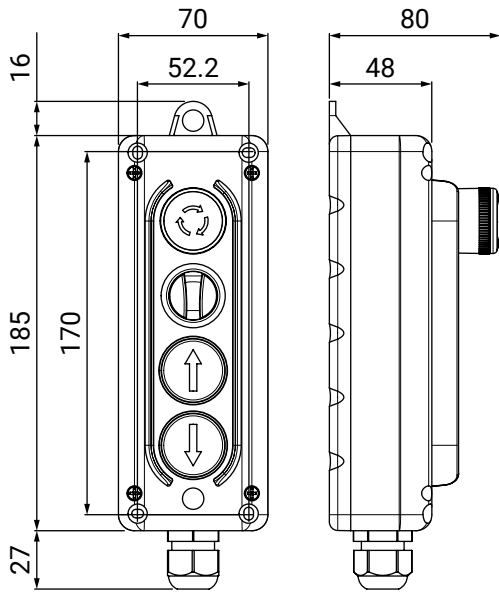
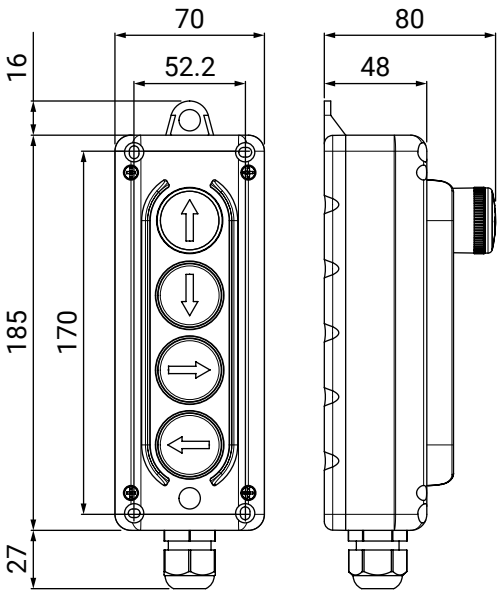
Available codes














































TLP4.C



TLP4.E



Standard versions

PRODUCT CODE	LAYOUT	PUSH BUTTON	CONTACT CONFIGURATION	
TLP1.EPP				1 NC
TLP1.ESR				1 NC
TLP2				1 NO
				1 NO
TLP3.B				1 NC
				1 NO
				1 NO
TLP3.D				1 NO
				1 NO
				1 NO
TLP4.C				1 NO
				1 NO
				1 NO
				1 NO
TLP4.E				1 NC
				1 NO
				1 NO
				1 NO

CONTACT CODE

Single speed



PCW01



PCW10

# CUSTOM KITS

## Pendant station and wall-mounted control stations

**Giovenzana International B.V.**, leader in the field of handling system, produces a wide range of pendant control stations able to satisfy the most varied requirements. This range of products is also available in **fully custom kits**.

COMPOSE YOUR OWN CUSTOM KIT IN 3 EASY STEPS:

### STEP 01

Choose the **pendant station type** as to page 56.

01



**P02K** - Single row pendant station with two holes for small hoist + assembly components

**P03K** - Single row pendant station with three holes for small hoist + assembly components

**PL05K** - Single row pendant station with five holes for crane + assembly components

**PL07K** - Single row pendant station with seven holes for crane + assembly components

**PL08K** - Single row pendant station with eight holes for crane + assembly components

**PL10K** - Single row pendant station with ten holes for crane + assembly components

**PL12K** - Single row pendant station with twelve holes for crane + assembly components

**PLB04K** - Double row pendant station with four holes for crane + assembly components

**PLB06K** - Double row pendant station with six holes for crane + assembly components

**PLB08K** - Double row pendant station with eight holes for crane + assembly components

**PLB10K** - Double row pendant station with ten holes for crane + assembly components

**PLB12K** - Double row pendant station with twelve holes for crane + assembly components

**PLB14K** - Double row pendant station with fourteen holes for crane + assembly components

**TLP1K** - Single row wall-mounted control station with one hole for truck tail lift + assembly components

**TLP2K** - Single row wall-mounted control station with two holes for truck tail lift + assembly components

**TLP3K** - Single row wall-mounted control station with three holes for truck tail lift + assembly components

**TLP4K** - Single row wall-mounted control station with four holes for truck tail lift + assembly components

**TLP5K** - Single row wall-mounted control station with five holes for truck tail lift + assembly components

### STEP 02

Choose the **laser engraved push buttons** between our three series and **additional components** as to page 58.

02



### STEP 03

Choose the **contact blocks** as to page 63.

03



## THREE EASY STEPS TO COMPOSE YOUR OWN CUSTOMIZED COMPLETE DEVICE!

01



PENDANT STATION TYPE

02



LASER ENGRAVED  
PUSH BUTTONS +  
ADDITIONAL COMPONENTS

03



CONTACT BLOCKS



# CUSTOM KIT

## Pendant and wall-mounted

### STEP 01

#### CHOOSE THE PENDANT STATION TYPE

The enclosure kit includes: pendant station base and cover, screws, gasket, cable sleeve and cable clamp, suspension ring, push button interlocks and coupling plates.

The list of detailed components for each type of control station is shown in our instruction manuals downloadable on our website [www.giovenzana.com](http://www.giovenzana.com) in the dedicated section of the technical documentation.



<https://www.giovenzana.com/technical-documentation/>

**P02K**  
2 HOLES

**P03K**  
3 HOLES



**PL05K**  
5 HOLES

**PL07K**  
7 HOLES

**PL08K**  
8 HOLES



**PL10K**  
10 HOLES

**PL12K**  
12 HOLES



**PLB04K**  
4 HOLES

**PLB06K**  
6 HOLES

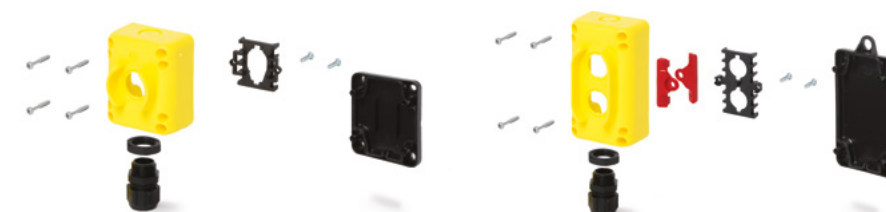
**PLB08K**  
8 HOLES



**PLB10K**  
10 HOLES

**PLB12K**  
12 HOLES

**PLB14K**  
14 HOLES



**TLP1K**  
1 HOLE

**TLP2K**  
2 HOLES



**TLP3K**  
3 HOLES

**TLP4K**  
4 HOLES

**TLP5K**  
5 HOLES