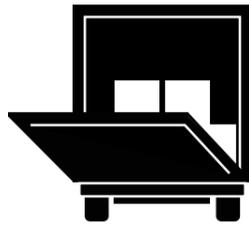


TLP

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					
Rated operational current [Ie]							
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



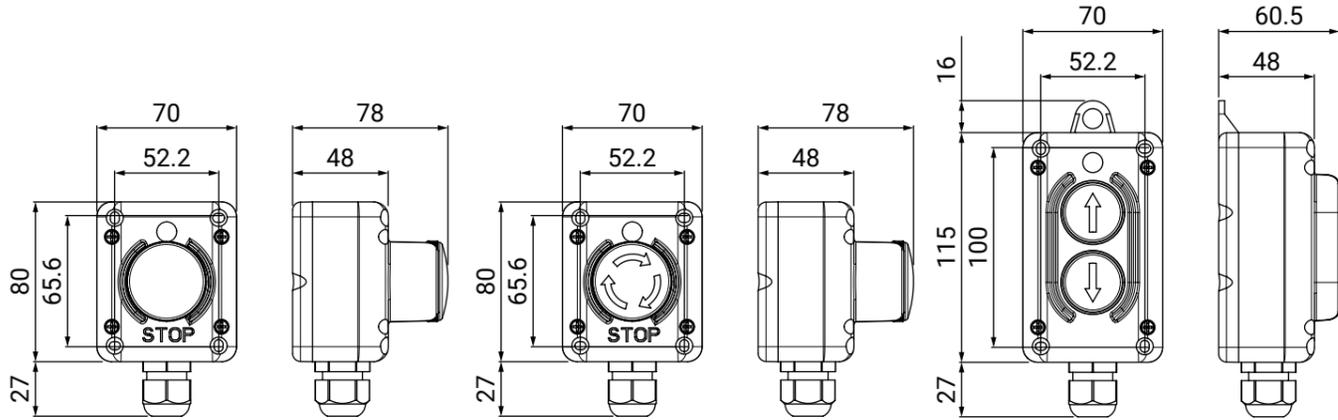
TLP1.EPP



TLP1.ESR



TLP2



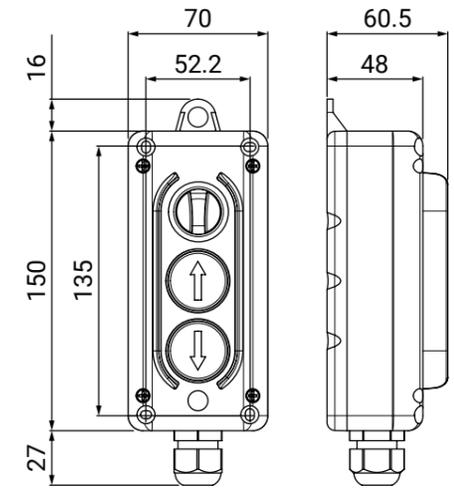
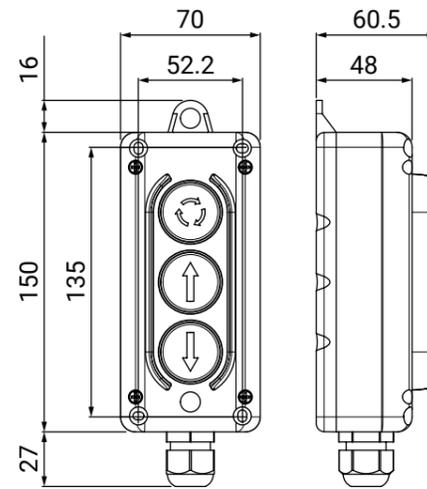
Available codes



TLP3.B



TLP3.D





TLP

Wall-mounted control station

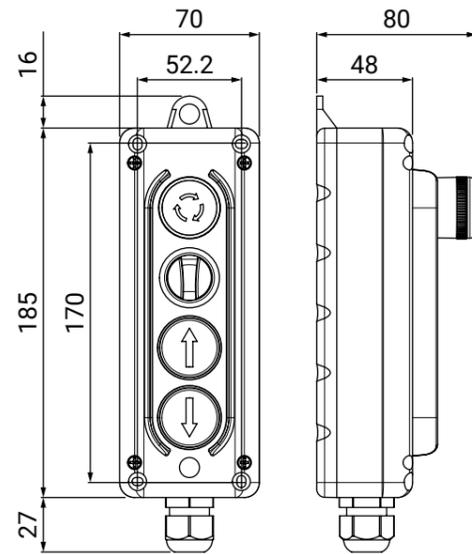
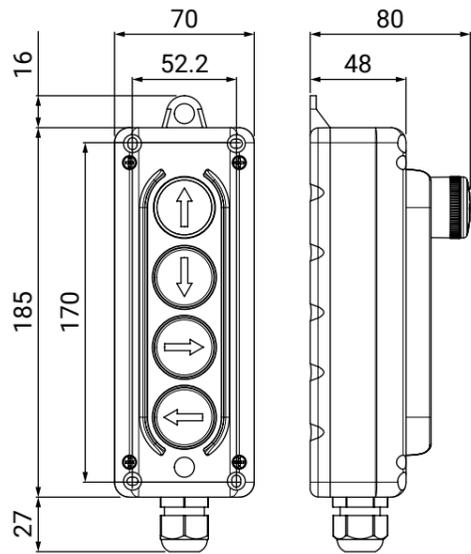
Available codes



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.



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.

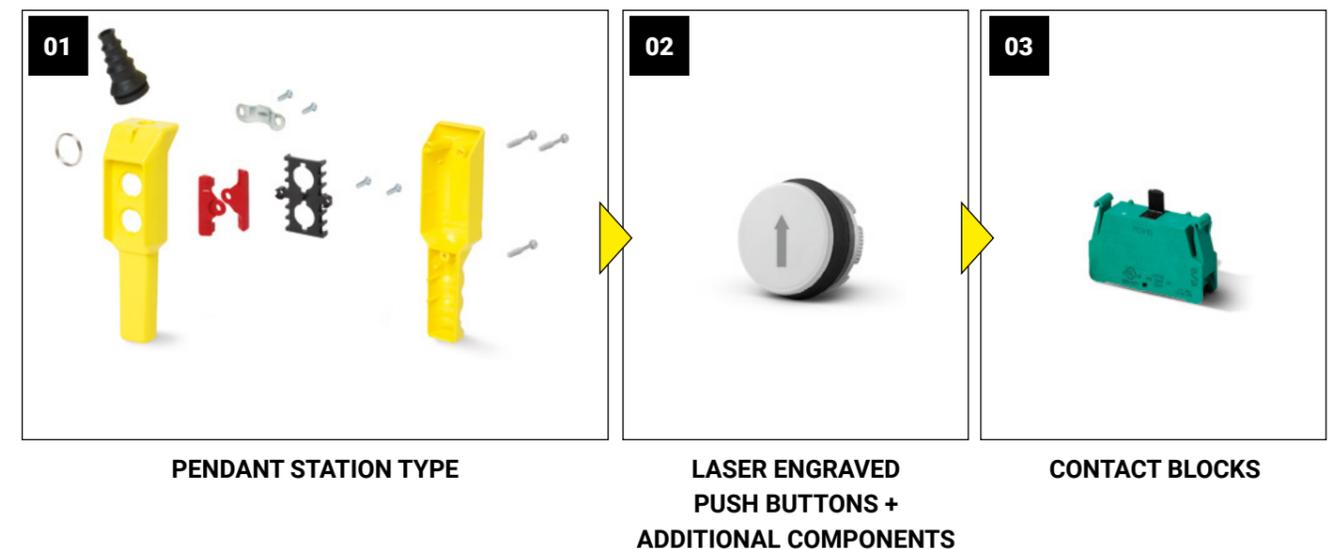


STEP 03

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



THREE EASY STEPS TO COMPOSE YOUR OWN CUSTOMIZED COMPLETE DEVICE!





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 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