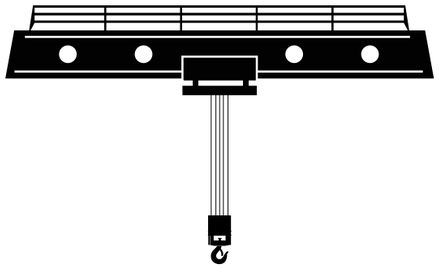
GIOVENZANA INTERNATIONAL B.V.

PLN

Pendant control station

NEW



CRANE

Single row pendant control station from 5 to 12 holes for crane



5 HOLES | **7 HOLES** | **8 HOLES** | **10 HOLES** | **12 HOLES**

Features

- Bi-directionality is mechanically interlocked;
- IP65 Double insulation (IEC / EN 60529);
- Laser engraved symbols with laser marking according to EN 60204-1, FEM 9.941;
- Shock proof and heat resistant;
- Available versions: for single or double speed motors;
- Available with UL/CSA requirements, upon request also in V0 material, UL approved;
- Available in kit version (with PL laser engraved push buttons).

Available codes

PLN05 Single speed	NC		NO	NO	NO	NO											
PLN05.D2 Single/double speed	NC				NO	NO										NO+NO	NO+NO
PLN05.D4 Double speed	NC												NO+NO	NO+NO		NO+NO	NO+NO
PLN07 Single speed	NC		NO	NO	NO	NO	NO	NO									
PLN07.D2 Single/double speed	NC		NO	NO	NO	NO									NO+NO	NO+NO	
PLN07.D4 Single/double speed	NC				NO	NO									NO+NO	NO+NO	NO+NO	NO+NO
PLN07.D6 Double speed	NC												NO+NO	NO+NO	NO+NO	NO+NO	NO+NO	NO+NO
PLN08 Single speed	NC	NO	NO	NO	NO	NO	NO	NO									
PLN08.D2 Single/double speed	NC	NO	NO	NO	NO	NO									NO+NO	NO+NO		
PLN08.D4 Single/double speed	NC	NO			NO	NO									NO+NO	NO+NO	NO+NO	NO+NO
PLN08.D6 Double speed	NC	NO											NO+NO	NO+NO	NO+NO	NO+NO	NO+NO	NO+NO
PLN10 Single/double speed	NC	NO	NO	NO	NO	NO	NO	NO			NO NO	NO NO						
PLN12 Single/double speed	NC	NO	NO	NO	NO	NO	NO	NO	NO NO	NO NO	NO NO	NO NO						

Compliance and certifications

- 2014/35/UE
- 2011/65/UE RoHS
- 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)

PLN05
Pendant control station

Technical data

General characteristics		
Compliant to standards		IEC / EN60947-5-1
Material		ABS
Material Group		II
Pollution class		3
Temperature	operating storage	-25°C ... +70°C -30°C ... +70°C
Climate resistance	IEC68 part 2-3 IEC68 part 2-30	hot dump unsettled hot damp
Cable entry		rubber cable sleeve Ø 9 ... 24 mm

Electrical characteristics - Contact blocks		
Marking		CE IMQ VDE EAC CCC cULus CSA
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: PL0040..	24 V 16 A * 60 V 12 A 120 V 8 A 240 V 6 A 400 V 4.5 A 440 V 3.5 A 500 V 3 A * 690 V 1 A
DC-13 direct current	type: PL0040..	24 V 2 A * 48 V 1.2 A 60 V 0.85 A 110 V 0.4 A 220 V 0.25 A *
Conditional short circuit withstand current		1000 A *
Fuses rating gC		10 A * - 500 V
Contact insulation resistance		≤ 25 mΩ
Switching mechanism	type: PL0040..	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: PL0040..	M3.5 screw terminals
Terminal capacity	type: PL0040..	N° 1 or 2 flexible and solid conductor 1 ... 2.5 mm²

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



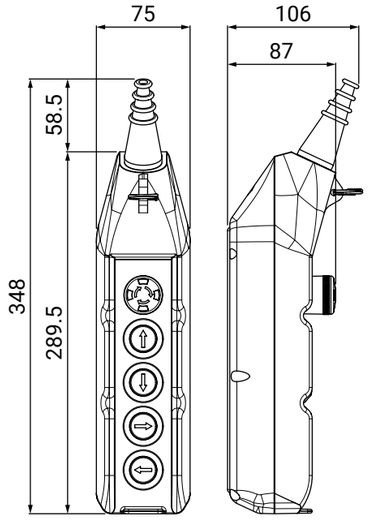
PLN05

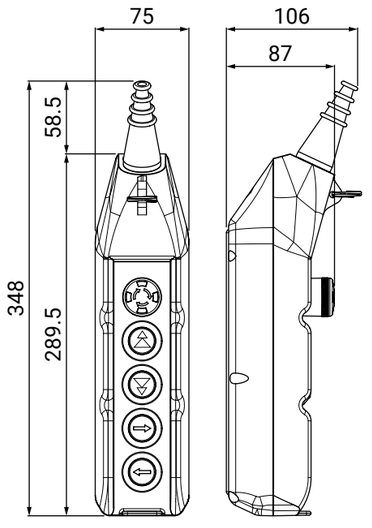


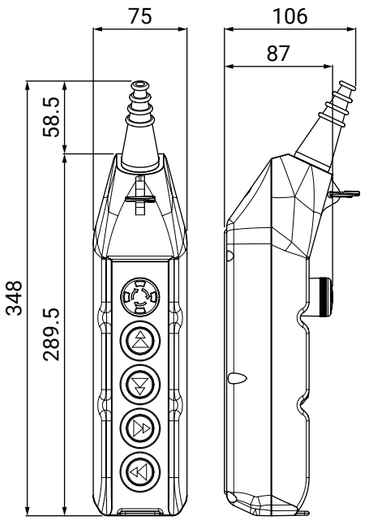
PLN05.D2



PLN05.D4





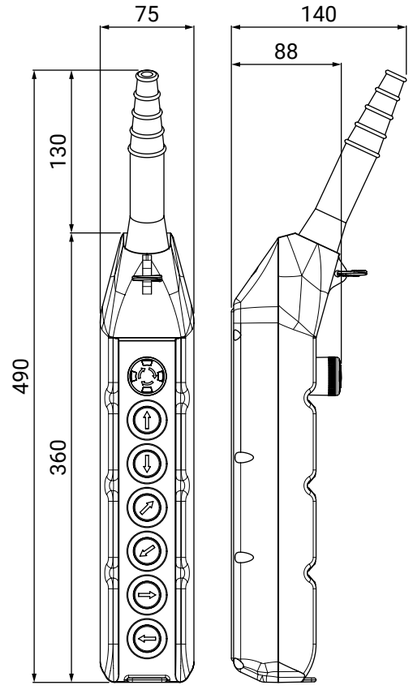


PLN07
Pendant control station

Available codes

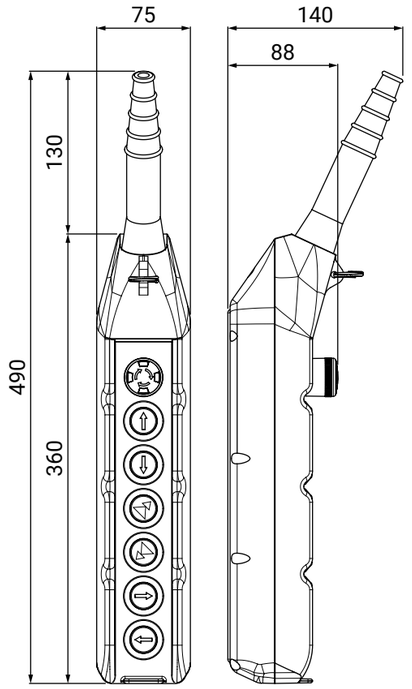


PLN07





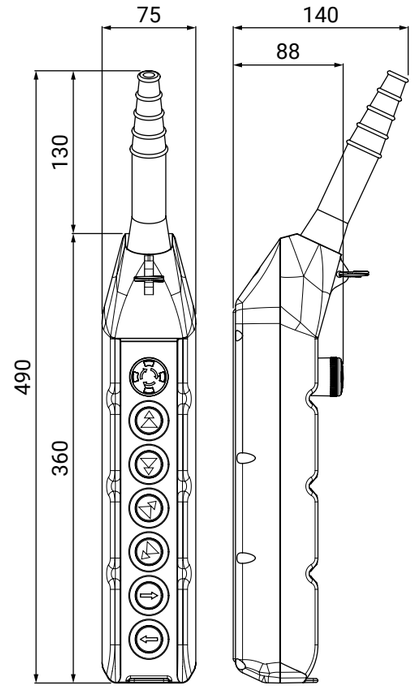
PLN07.D2



Available codes

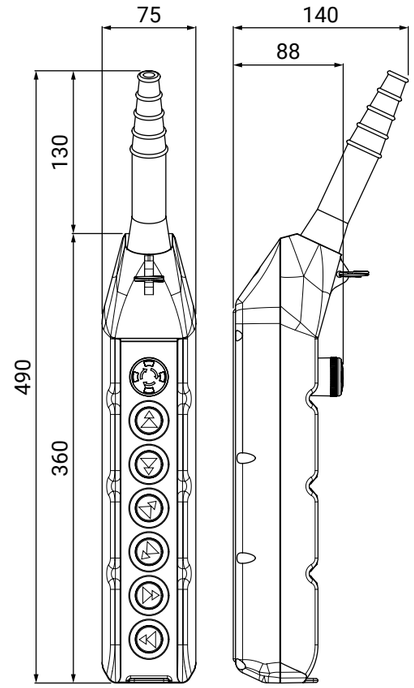


PLN07.D4





PLN07.D6



PLN08

Pendant control station

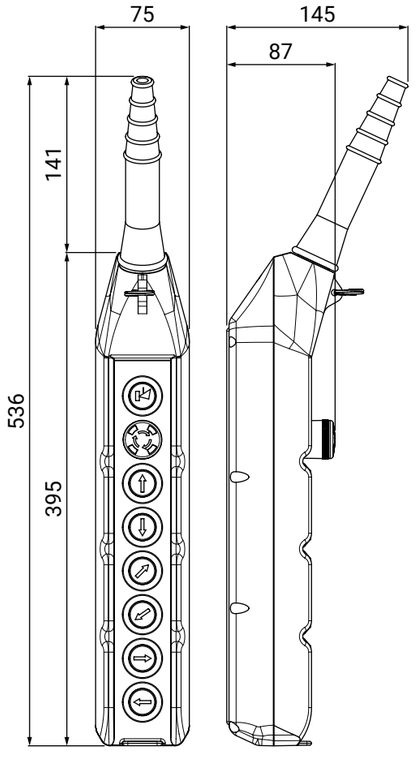
Available codes



PLN08



PLN08.D2



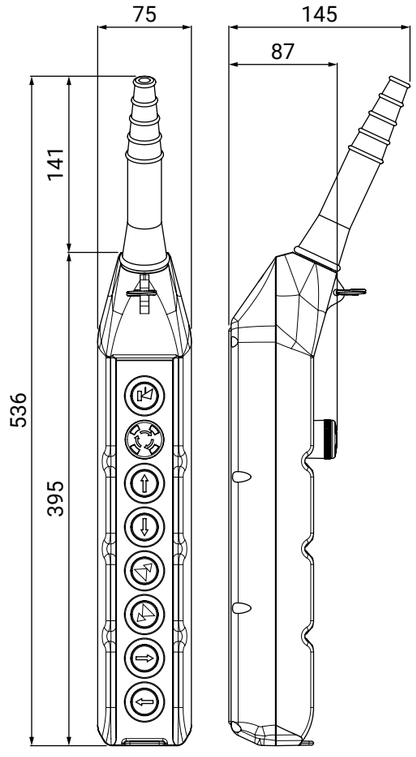
Available codes

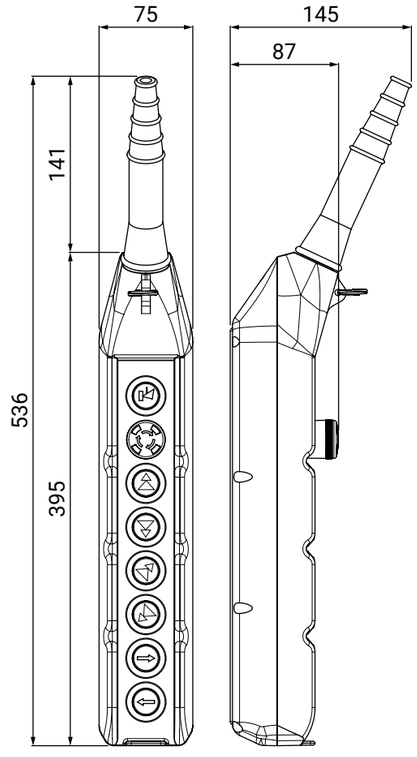


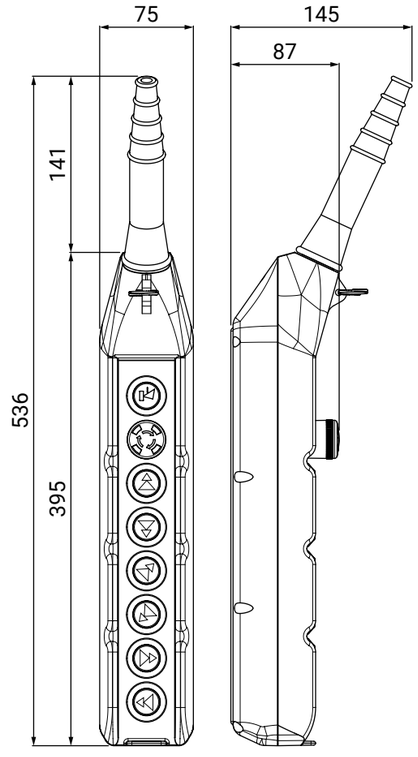
PLN08.D4



PLN08.D6







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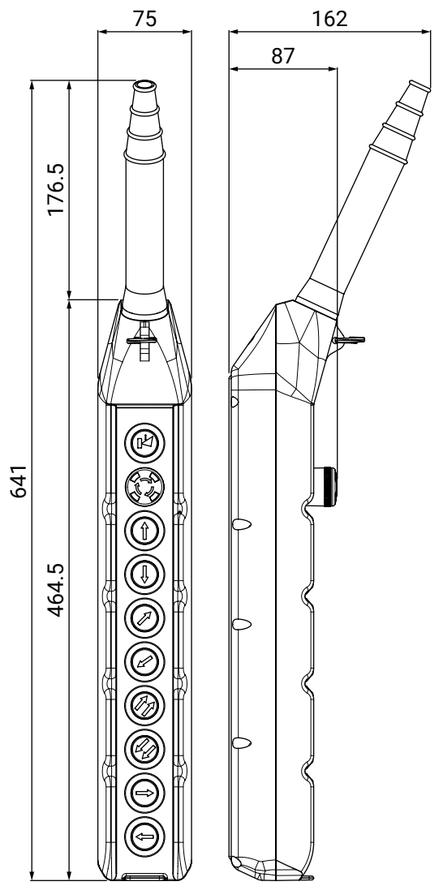
PLN10

Pendant control station

Available codes



PLN10



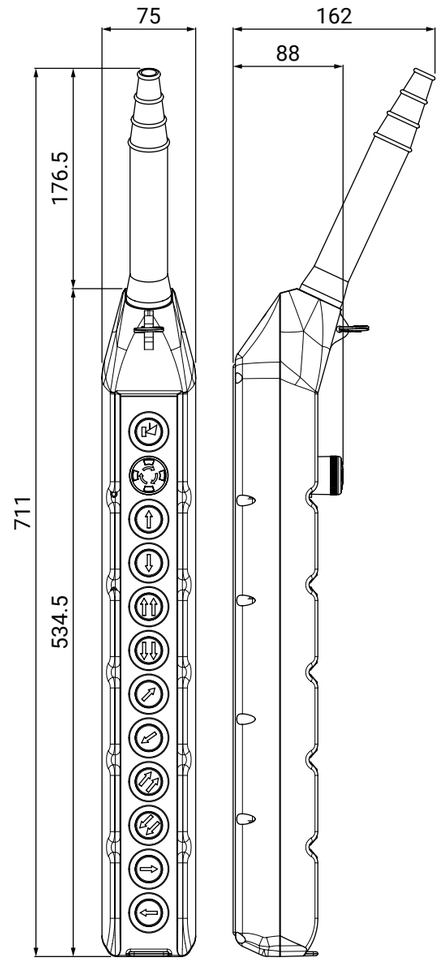
PLN12

Pendant control station

Available codes



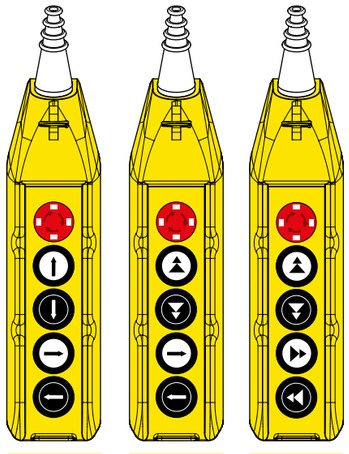
PLN12



GIOVENZANA INTERNATIONAL B.V.

PLN SERIES

Pendant control stations

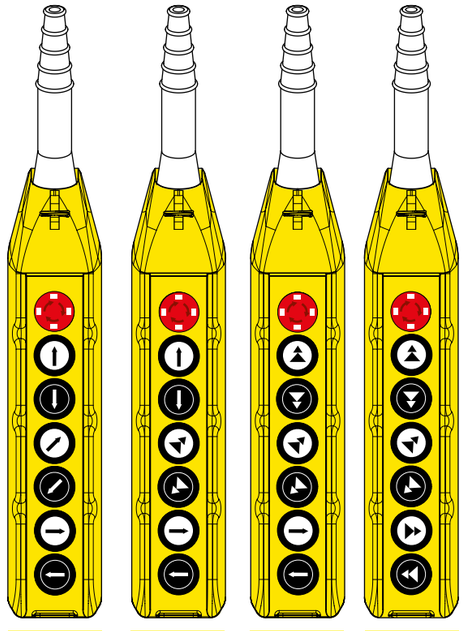


PLN05

PLN05.D2

PLN05.D4

5



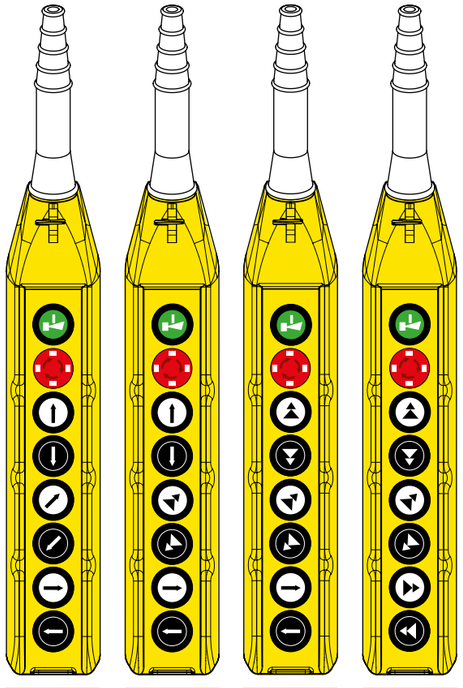
PLN07

PLN07.D2

PLN07.D4

PLN07.D6

7



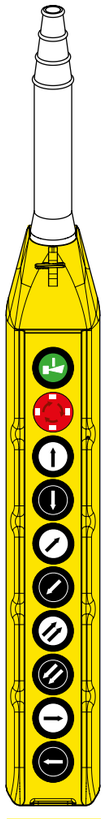
PLN08

PLN08.D2

PLN08.D4

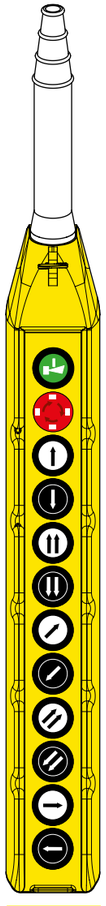
PLN08.D6

8



PLN10

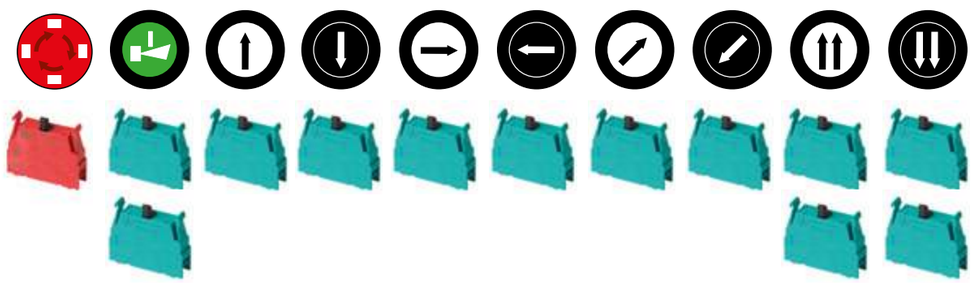
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PLN12

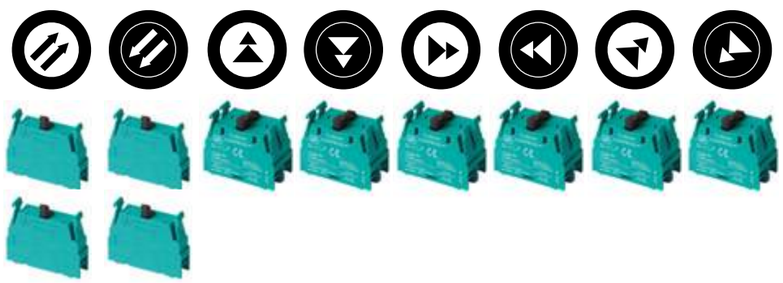
12

CONTACT CONFIGURATION



1 NC	2 NO	1 NO	1 NO	1 NO	1 NO	1 NO	1 NO	2 NO	2 NO

CONTACT CONFIGURATION



2 NO	2 NO	NO+NO	NO+NO	NO+NO	NO+NO	NO+NO	NO+NO

CONTACT CODE

Single speed



1 NC

PL004001



1 NO

PL004002

Double speed



NO + NO

PL004010.S