

## Pendant control stations

P0 Series - Handle type

D Series - Direct switching type

PL Series- Single Column

PLB series - Side-by-Side

TLP - Compact type



Push button stations for small hoist applications, for control circuits in both single or double row versions, for control and direct switching power circuits.

# Pendant control stations

## General characteristics

According to the CE89/392 directives appendix IIB concerning machinery

P02 - P03 - PL - PLB pendant stations comply with the following standards:

**Harmonised standards**  
EN292 part 1 and 2  
(machine safety)  
UNI EN ISO 9001  
EN60529 (IP rating)

**Standards and technical specifications**  
IEC 947-5-1  
(low voltage equipment)  
FEM 9.941  
(operators' designation)

As stated in appendix V of the CE directives with regards to machinery  
The technical documentation is held by the manufacturer:

P02 - P03 – PL - PLB series pendant stations are designed according to the relevant International standards

These new product series are the end result of a close investigation with regards to the operator's needs and requirements:

- Adequate cabling space
- Ease of use thanks to a light and user friendly pendant station
- Versatility of assembly allowing quick and easy replacement of the 22 Ø operators and their Pegasus contact blocks
- Each pendant station is provided with a new generation EN418 emergency stop incorporating a snap action actuation that prevents halting the machinery before the mushroom is in the locked position. Contacts are "positive opening" type.
- The following contacts are supplied as standard:  
1NO for the movement (FEM 9.941)  
1NC for emergency (EN418)  
1NO+1NO for double speed  
Optional accessories are always supplied separately and installed by the end user:

### GENERAL CHARACTERISTICS

- Double insulated enclosures in thermoplastic self-extinguishing material
- IP65 rating according to EN60529
- Operating temperature -25 +70 °C
- Available from 2 up to 14 holes - 22 Ø - on single or double row
- Cable entry: P02 - PTRM - P03 - PL with variable section cable sleeve  
DC16 - DC30 - TLP with cable clamp
- Mechanical life: push buttons and rotary switches
- 1 mil. operations  
Latched emergency stops
- 0,3 mil. operations

### CONTACT BLOCK CHARACTERISTICS

- VO UL94 self-extinguishing material
- Rated thermal current: 16A
- Rated insulation voltage: 690V
- Insulation category: Group CV VDE 0110
- Contact impedance:  $\leq 25 \text{ M}\Omega$
- Slow break self cleaning double gap contact block - Positive opening NC contact block
- Tripping force: 4N
- Terminal protection rating: IP20 - EN60529
- Max contact No.: 3
- UL A600 – Q 600 certified



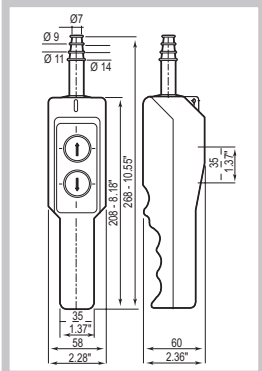





# Pendant control stations



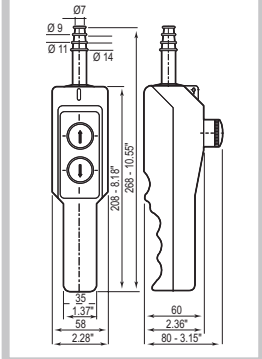

## P02-PTRM Series for small hoist applications

IP65


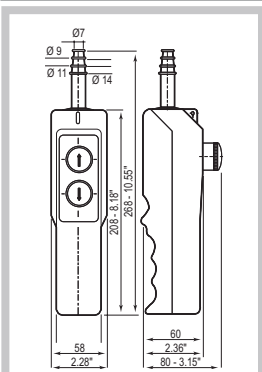


### P02

2 directions mechanically interlocked

	ENGRAVING	DESCRIPTION	REFERENCE NO.	WEIGHT gr	DIMENSIONS
		For single-speed motor control	P02.1	230	
		No. 2 push buttons with 1 NO contact	P02.2	250	
		No. 2 push buttons with 2 NO contacts	P02.4	250	
		No. 2 push buttons with 1NC+1NO contacts			
	 	For two-speed motor control	P02.D2	250	
	 	For 1kW single-phase motor control	P02.CD	230	
		No. 2 push buttons with 1NC+2NO contacts			

		For single-speed motor control	P02.RM	230	
		No. 1 Emergency stop ø 30 turn to release EN418			

### PTRM

	ENGRAVING	DESCRIPTION	REFERENCE NO.	WEIGHT gr	DIMENSIONS	
		For single-speed motor control	PTRM	230		
		Provision for capacitor 45x90 Ø max				No. 1 Emergency stop ø 30 turn to release EN418
		No. 1 two way and off switch with spring return Auxiliary 16A - 250V ac 1/2 HP				

# Pendant control stations

## P03 Series for small hoist applications

IP65 

### P03

2 directions mechanically interlocked



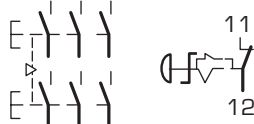
#### ENGRAVING



#### DESCRIPTION

For single-speed motor control  
No. 1 Emergency stop  
ø 30 turn to release  
EN418 with:

- No. 2 push buttons with 1 NO contact
- No. 2 push buttons with 2 NO contacts
- No. 2 push buttons with 3 NO contacts



#### REFERENCE NO.

P03.1

P03.2

P03.3

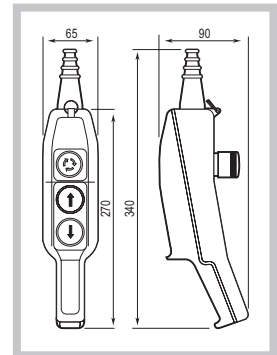
#### WEIGHT gr

440

450

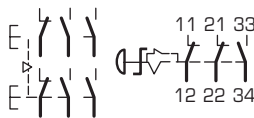
460

#### DIMENSIONS



For 1kW single-phase motor control  
No. 1 Emergency stop  
ø 30 turn to release  
EN418 with:

- No. 2 push buttons with 1NC+2NO contacts



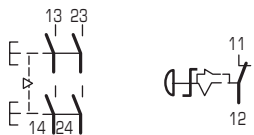
P03CD

460



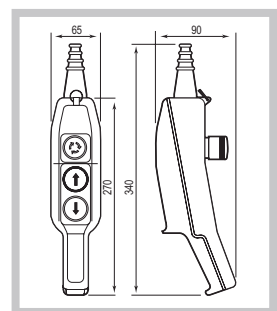
For two-speed motor control  
No. 1 Emergency stop  
ø 30 turn to release  
EN418 with:

- No. 2 push buttons with 1NC+2NO contacts



P03D2

460



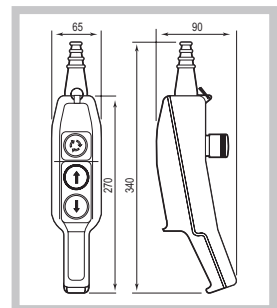
For single-speed motor control  
No. 1 90° angle latched  
key switch O-1 with 1 NO  
contact and:

- No. 2 push buttons with 1 NO contact



P03CH

460



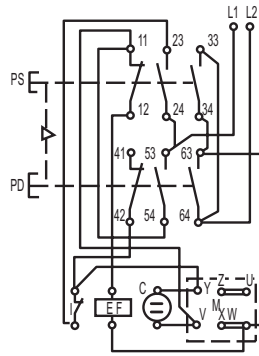
# Pendant control stations

## DC16 Series for small hoist applications

IP65 

### GENERAL CHARACTERISTICS

- Double insulated ABS enclosures
- IP65 protection rating according to IEC/EN 60529
- Ambient temperature: operating  $-25^{\circ} +70^{\circ} \text{ }^{\circ}\text{C}$   
storage  $-40^{\circ} +70^{\circ} \text{ }^{\circ}\text{C}$
- Double gap slow break contacts
- Cable entry with M25 cable clamp
- Rated insulation voltage:  $U_i$  690V
- Rated thermal current  $I_{th}$ : 16A
- Rated operating power: 400V ac -1kW



### 1kW DIRECT SWITCHING MOTOR WIRING DIAGRAM

- PS UP push button
- PD DOWN push button
- I Top limit switch
- M Motor
- C Capacitor
- EF Electric break

2 directions mechanically interlocked

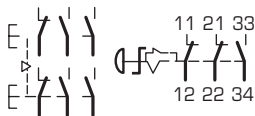


#### ENGRAVING



#### DESCRIPTION

For 1kW single-phase motor control  
No. 1 Emergency stop  
 $\varnothing 30$  turn to release  
EN418 with 2NC+1NO contacts and:



No. 2 push buttons with 1NC+2NO contacts

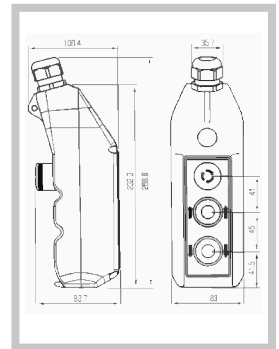
#### REFERENCE NO.

DC16

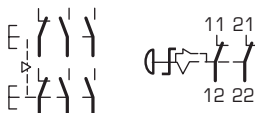
#### WEIGHT gr

470

#### DIMENSIONS



For 1kW single-phase motor control  
No. 1 Emergency stop  
 $\varnothing 30$  turn to release  
EN418 with 2NC contacts and:



No. 2 push buttons with 1NC+2NO contacts

#### REFERENCE NO.

DC16i

#### WEIGHT gr

490

# Pendant control stations





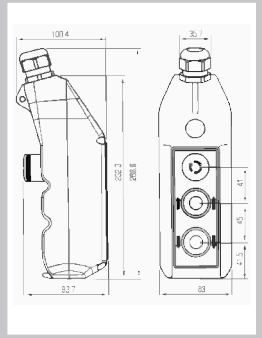



## DC30 series pendant stations for power circuits

IP65  direct switching

### GENERAL CHARACTERISTICS

- Double insulated ABS enclosures
- IP65 protection rating according to IEC/EN 60529
- Ambient temperature: Operating -25° +70° °C  
Storage -40° +70° °C
- Slow break or snap action double gap contacts
- Cable entry with M25 cable clamp
- Rated insulation voltage Ui 500V
- Rated thermal current 25A
- Rated operating power:
 





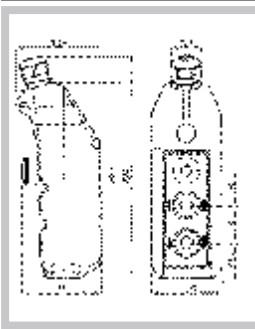
3-phase - 2-pole	230V ac	kW	2.2
			400V ac kW 2.2
3-phase - 3-pole	230V ac	kW	3
			400V ac kW 3

2 directions mechanically interlocked	ENGRAVING	DESCRIPTION	REFERENCE NO.	WEIGHT gr	DIMENSIONS
	    	For single/three-phase 1-speed motor direct control  No. 1 Emergency stop ø 30 turn to release EN418 with 1NC+1NO contacts and:	DC30	600	
		3NO+1NC Contact block			
		4NO Contact block	DC30.RG	600	
	    	For single/three-phase 1-speed motor direct control  No. 1 Emergency stop ø 30 turn to release EN418 with 3 NC contacts and:	DC30.GE	600	
		3NO+1NC Contact block			

# Pendant control stations

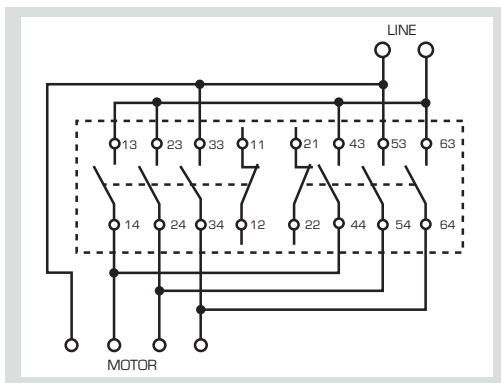
## DC30 series pendant stations for power circuits

IP65  direct switching

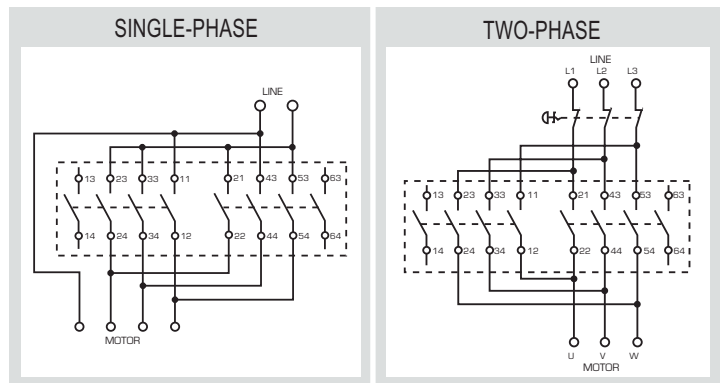
2 directions mechanically interlocked	ENGRAVING	DESCRIPTION	REFERENCE NO.	WEIGHT gr	DIMENSIONS
	  	For 2-speed motor direct control No. 1 Emergency stop ø 30 turn to release EN418 with 3NC contacts and:  2NO+2NC Contact block	DC30D2	650	

### WIRING DIAGRAMS - POWER CIRCUITS

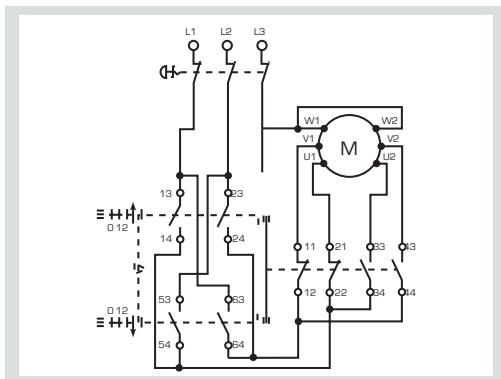
For single-speed reversing motors  
30205085 (3NO+1NC) contact block




For single-speed reversing motors  
30205087 (4NO) contact block

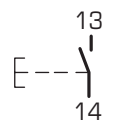


For two-speed reversing motors  
30205086 contact block

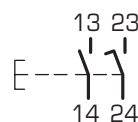



### AUXILIARY CIRCUIT WIRING DIAGRAM

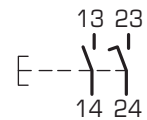
SINGLE-SPEED 



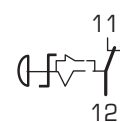
FAST MOVEMENT 



TWO-SPEED 



EMERGENCY



# Pendant control stations

## P02 - PTRM - P03 - DC16 - PL - DC30 - TLP Series

### Characteristics\*

GENERAL CHARACTERISTICS		P02-PTRM-P03 DC16-PL-TLP		DC30	
		IEC/EN60947-5-1		IEC/EN60947-3	
STANDARD COMPLIANCE		II		II	
Material group		3		3	
Pollution class		VD		VD	
Flame resistance		UL94		UL94	
Ambient temperature		°C		°C	
Climate resistance		IEC 68 part 2-8		Operating: -25+70	
		IEC 69 part 2-30		Storage: -30 +70	
Cable entry		rubber cable sleeve		Hot damp	
		cable clamp		Unsettled hot damp	
		PL Ø 9...24		Ø 7...14	
		P02-P03-PTRM Ø 7...18		-	
		DC16 M25		M25	
		TLP M20		-	
ELECTRICAL CHARACTERISTICS		PL-P02-P03-PTRM-DC16-TLP		DC30	
		690		500	
Rated insulation voltage Ui		V		V	
Rated impulse voltage Uimp		kV		kV	
Rated thermal current Ith		A		A	
Frequency		Hz		Hz	
Rated operating current Ie:					
AC15 alternate current		V		-	
DC13 direct current		A		-	
AC-3 alternate current		V		-	
		A		-	
		24   60   110   230   400   500   690		-	
		16   12   5   5   4   4   4		-	
		24   60   110   230		-	
		2   0,85   0,4   0,25		-	
		3-phase - 2-pole		230V kW	
				400V kW	
		3-phase - 3-pole		230V kW	
				400V kW	
Conditional short circuit withstand current		A		A	
Fuse rating gG		gG 10A-500V		aM 12A-500V	
Contact insulation resistance		<25		-	
Switching mechanism		Slow break double gap contacts			
Positive operation		Positive opening NC contacts		-	
Terminal type		M3.5 screw (spring loaded*)		M3.5 screw	
Terminal capacity:		1/2.5 (0.5/2.5*)		1/2.5	
		1/2.5 (0.5/2.5*)		1/2.5	





\* TLP Series with spring loaded terminal contact blocks



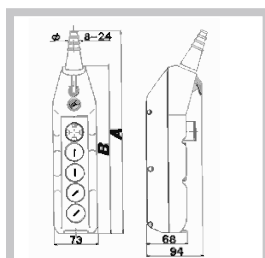
# Pendant control stations

## PL Series for control circuits

IP65  Single column



	PUSH BUTTONS	DESCRIPTION	REFERENCE NO.	WEIGHT gr
	4+1	For single-speed motor control 4 mechanically interlocked between pairs + 1 Emergency stop ø 30 turn to release EN418	PL05	560
	4+1	For two-speed motor control ▶▶ 4 mechanically interlocked between pairs + 1 Emergency stop ø 30 turn to release EN418	No. of 2-speed movements	
			2	PL05D2
		4	PL05D4	620
	6+1	For single-speed motor control 6 mechanically interlocked + 1 Emergency stop ø 30 turn to release EN418	PL07	740
	6+1	For two-speed motor control ▶▶ 6 mechanically interlocked between pairs + 1 Emergency stop ø 30 turn to release EN418	No. of 2-speed movements	
			2	PL07D2
4			PL07D4	800
		6	PL07D6	830
	6+2	For single-speed motor control 6 mechanically interlocked between pairs + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PL08	830
	6+2	For two-speed motor control ▶▶ 6 mechanically interlocked between pairs + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	No. of 2-speed movements	
			2	PL08D2
4			PL08D4	890
		6	PL08D6	920
	8+2	For single-speed motor control 8 mechanically interlocked between pairs + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PL10	990
	10+2	For single-speed motor control 10 mechanically interlocked between pairs + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PL12	1.140

### DIMENSIONS



PUSH BUTTONS	REFERENCE NO.	Amm	Bmm
5	PL05	345	288
7	PL07	495	358
8	PL08	530	393
10	PL10	640	463
12	PL12	710	533





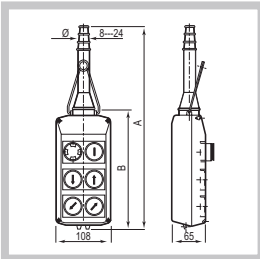
For the push button designation and symbols please see page 123  
Colour:

-  Black and white
-  Start/Alarm green
-  Emergency red

# Pendant stations

## PLB Series for control circuits

IP65  Side-by-Side

	PUSH BUTTONS	DESCRIPTION	REFERENCE NO.	WEIGHT gr
	2+2	For single-speed motor control 2 mechanically interlocked + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PLB04	560
	2+2	For two-speed motor control 2 mechanically interlocked + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PLB04D2	590
	4+2	For single-speed motor control 4 mechanically interlocked between pairs + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PLB06	560
	4+2	For two-speed motor control 4 mechanically interlocked between pairs + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PLB06D2	690
			PLB06D4	720
	6+2	For single-speed motor control 6 mechanically interlocked between pairs + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PLB08	840
	6+2	For two-speed motor control 6 mechanically interlocked between pairs + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PLB08D2	870
			PLB08D4	900
			PLB08D6	1.030
	8+2	For single-speed motor control No of operators mechanically interlocked + 1 Start/Alarm + 1 Emergency stop ø 30 turn to release EN418	PLB10	1.150
	10+2		PLB12	1.270
	12+2		PLB14	1.390
	DIMENSIONS			
	PUSH BUTTONS	REFERENCE NO.	Amm	Bmm
4	PLB04	345	185	
6	PLB06	399	239	
8	PLB08	453	293	
10	PLB10	547	347	
12	PLB12	601	401	
14	PLB14	655	455	
			For the push button designation and symbols please see page 123 Colour:	
			<input type="checkbox"/> Black and white	
			<input checked="" type="checkbox"/> Start/Alarm green	
			<input checked="" type="checkbox"/> Emergency red	

# Pendant stations

## PL series for control circuits

IP65  Enclosures

### SINGLE COLUMN



NO OF HOLES	CABLE ENTRY Ø	REFERENCE NO.	WEIGHT gr	MIN. PACK QTY.
5	7...18	PL05K	410	1
7	9...21	PL07K	540	1
8		PL08K	600	1
10		PL10K	700	1
12		PL12K	800	1

### SIDE-BY-SIDE



NO OF HOLES	CABLE ENTRY Ø	REFERENCE NO.	WEIGHT gr	MIN. PACK QTY.
4	9...21	PLB04K	410	1
6		PLB06K	510	1
8		PLB08K	610	1
10	12...24	PLB10K	710	1
12		PLB12K	810	1
14		PLB14K	910	1

Enclosures are supplied complete with screws, gasket, cable gland, strain relief, cable protectors, contact mounts and mechanical interlocks.

# Pendant stations

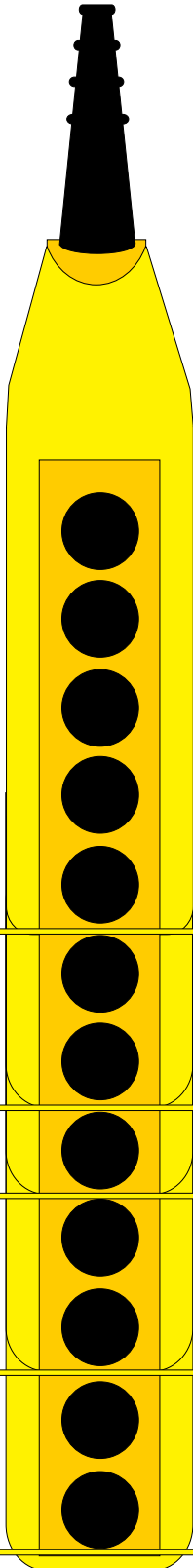
For control and direct switching power circuits

Accessories

CONTACT BLOCKS		MULTI-SPEED CONTACT BLOCKS		LAMP HOLDER		LENS CAP			
									
1 NC 1 NO	PLOO4001 PLOO4002	2-SPEED 1NO+1NO PROGRESSIVE	PLOO4010	BA9s	PLOO4007	<span style="color:red">■</span> 1 <span style="color:green">■</span> 2 <span style="color:yellow">■</span> 3 <span style="color:blue">■</span> 4 <span style="border:1px solid black; display:inline-block; width:10px; height:10px;"></span> 5	PLOO800		
KEY SWITCH		ROTARY SWITCH		MUSHROOM OPERATOR Ø 30 TURN TO RELEASE EM418		MUSHROOM OPERATOR Ø 40 EM418			
									
0-1 1-0-2	PLOO6001 PLOO6002	0-1 1-0-2	PLOO7001 PLOO7002	WITH VISION STANDARD	PLO13001 PLO13002	PLO13003			
PUSH BUTTONS			COUPLING PLATE		INTERLOCK				
<b>COLOUR</b>	<b>REF. NO.</b>								
<span style="color:blue">■</span>	PLOO5034								
<span style="border:1px solid black; display:inline-block; width:10px; height:10px;"></span>	PLOO5035								
<span style="color:black">■</span>	PLOO5036								
<span style="color:red">■</span>	PLOO5037								
<span style="color:green">■</span>	PLOO5038	2 HOLES		PLOO3001	TOP	PLO11001			
With engraving	PLOO50...*	3 HOLES		PLOO3002	BOTTOM	PLO11002			
* See page 123									
CABLE CLAMP LEVER		VERSIONS		CABLE SLEEVE					
		P02 - PTRM For 7...14 Ø cable		REFERENCE NO.				12906011	
		P03 - PL05 For 7...18 Ø cable						12906006	
		PL07...PL12 PLB04-PLB06 For 9...21 Ø cable						12906004	
		PLB08-PLB14 For 12...24 Ø cable						12906005	
		PLO12001							

# Pendant stations

## PL series custom designs



AVAILABLE ACTUATORS

CODE	TYPE
1	1-SPEED BTN NO
2	2-SPEED BTN NO+NO
3	3-SPEED BTN NO+NO+NO
4	0-1 SWITCH NO
5	1-0-2 SWITCH NO+NO (LATCHING)
6	0-1 KEY NO
7	1-0-2 KEY NO+NO
8	PILOT LIGHT <small>(NOTE1)</small>
9	E-STOP 2xNC
10	BLANKING PLUG
11	1-0-2 SWITCH NO+NO (MOMENTARY)

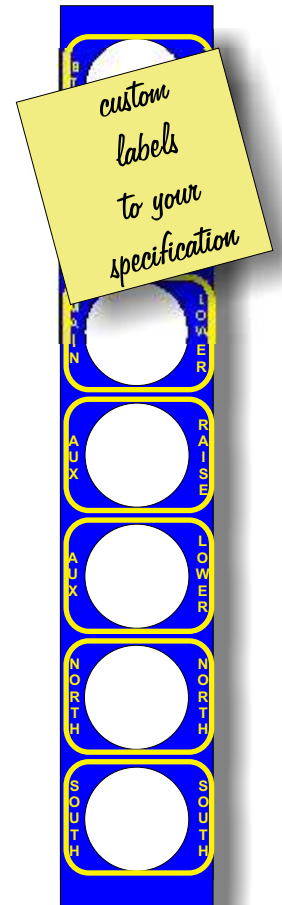
AVAILABLE LEGENDS

CODE	LEGEND
A	UP
B	DOWN
C	NORTH
D	SOUTH
E	EAST
F	WEST
G	IN
H	OUT
I	LEFT
J	RIGHT
K	OPEN
L	CLOSE
M	BLANK-BLACK
N	BLANK-WHITE
O	BLANK-GREEN
P	BLANK-RED
Q	FORWARD
R	REVERSE

**NOTES**

1. Specify RED / GREEN / WHITE / YELLOW / BLUE. Lampholder supplied without bulb.

	ACTUATOR	LEGEND	NOTES	CONTACTS
PL05				NO
				NC
				NO
				NC
PL07				NO
				NC
PL08				NO
				NC
				NO
				NC
PL10				NO
				NC
				NO
				NC
PL12				NO
				NC



# Pendant stations

## PLB series custom designs

### AVAILABLE ACTUATORS

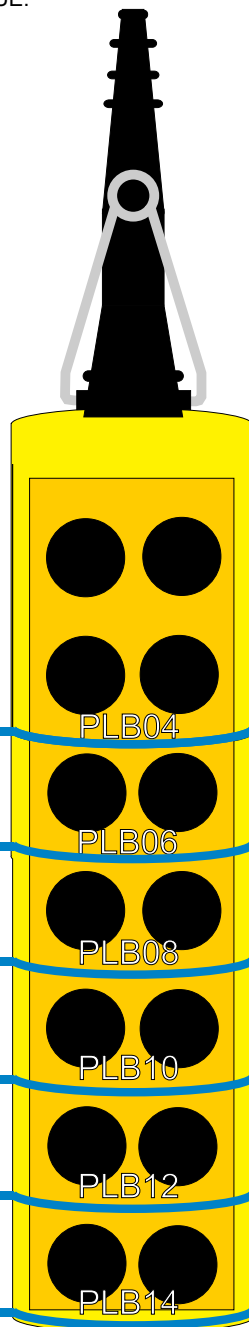
CODE	TYPE
1	1-SPEED BTN NO
2	2-SPEED BTN NO+NO
3	3-SPEED BTN NO+NO+NO
4	0-1 SWITCH NO
5	1-0-2 SWITCH NO+NO (LATCHING)
6	0-1 KEY NO
7	1-0-2 KEY NO+NO
8	PILOT LIGHT <small>(NOTE1)</small>
9	E-STOP 2xNC
10	BLANKING PLUG
11	1-0-2 SWITCH NO+NO (MOMENTARY)

### NOTES

1. Specify RED / GREEN / WHITE / YELLOW / BLUE.  
Lampholder supplied without bulb.

### AVAILABLE LEGENDS

CODE	LEGEND
A	UP
B	DOWN
C	NORTH
D	SOUTH
E	EAST
F	WEST
G	IN
H	OUT
I	LEFT
J	RIGHT
K	OPEN
L	CLOSE
M	BLANK-BLACK
N	BLANK-WHITE
O	BLANK-GREEN
P	BLANK-RED
Q	FORWARD
R	REVERSE



ACTUATOR	LEGEND	NOTES	CONTACTS	ACTUATOR	LEGEND	NOTES	CONTACTS

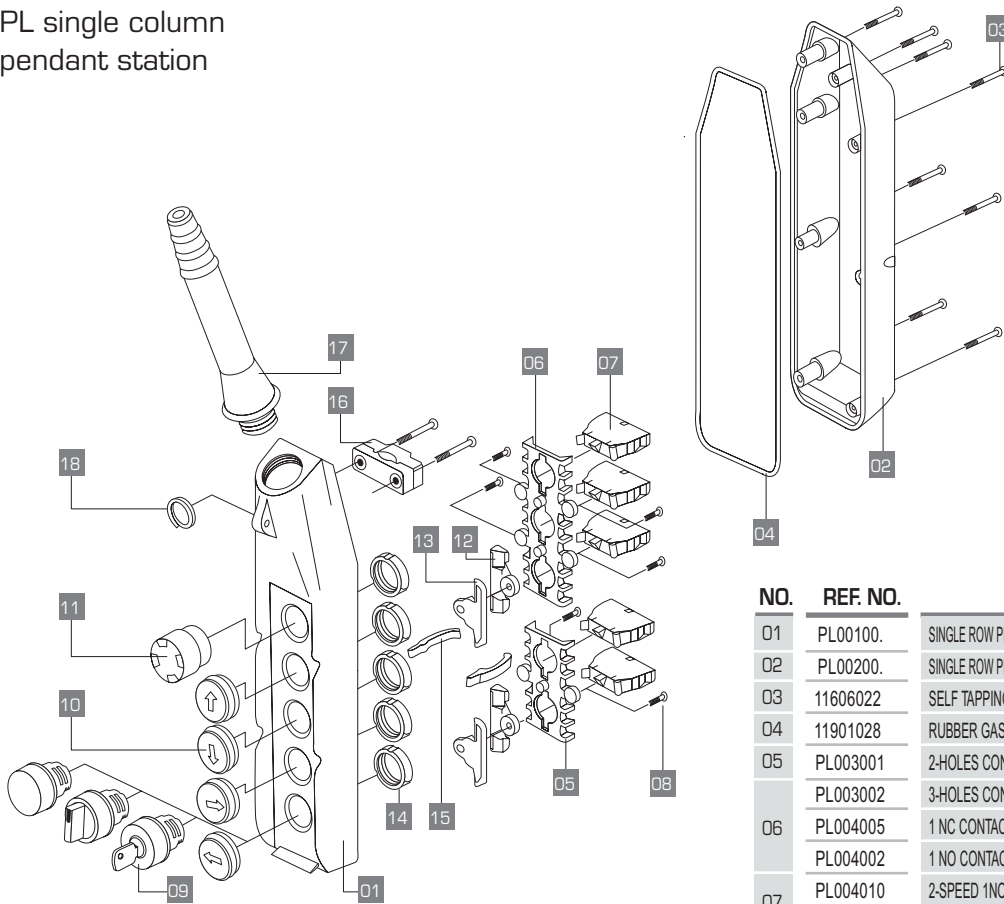
# Pendant stations

For control and direct switching power circuits

Assembly

## PL SERIES STANDARD VERSIONS

PL single column  
pendant station



NO.	REF. NO.	DESCRIPTION
01	PL00100.	SINGLE ROW PENDANT STATION COVER...PUSH BUTTONS
02	PL00200.	SINGLE ROW PENDANT STATION BASE...PUSH BUTTONS
03	11606022	SELF TAPPING STAINLESS STEEL SCREW 4X30
04	11901028	RUBBER GASKET Ø 2.5
05	PL003001	2-HOLES CONTACT BLOCKS SUPPORT
	PL003002	3-HOLES CONTACT BLOCKS SUPPORT
06	PL004005	1 NC CONTACT BLOCK
	PL004002	1 NO CONTACT BLOCK
07	PL004010	2-SPEED 1NO+1NO CONTACT BLOCK
	PL004007	LAMP HOLDER
08	11607007	SELF TAPPING SCREW 3.9X13
	PL00700.	ROTARY SWITCH
	PL00600.	KEY SWITCH
09	PL00800.	PILOT LIGHT
10	PL0050..	ENGRAVED PUSH BUTTONS
11	PL013001	MUSHROOM OPERATOR TURN TO RELEASE WITH VISION
12	PL011002	BOTTOM MECHANICAL INTERLOCK
13	PL011001	TOP MECHANICAL INTERLOCK
14	11705100	M22 ZAMA LOCK NUTS
15	PL012001	CABLE CLAMP LEVER
16	12904014	CABLE CLAMP
	12906006	PL05 CABLE SLEEVE
17	12906004	PL07 - PL08 CABLE SLEEVE
	12906005	PL10 - PL12 CABLE SLEEVE
18	12003009	SUNSPENSION RING

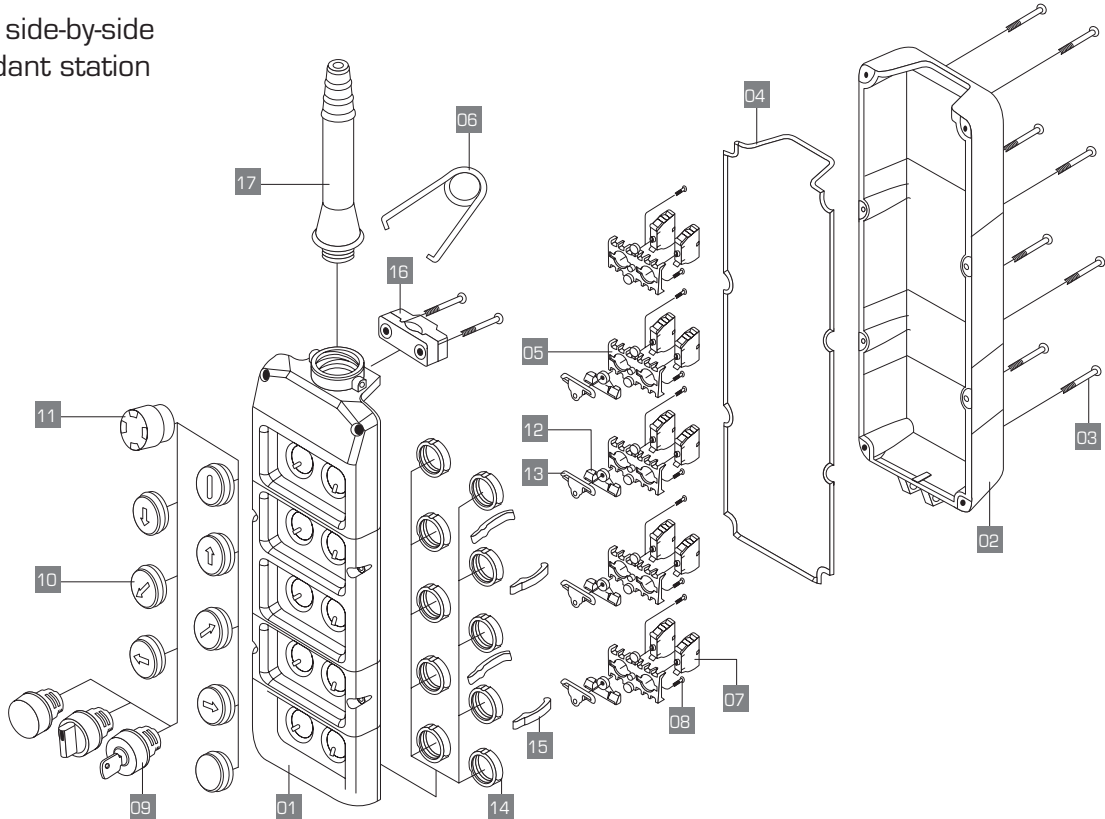
# Pendant stations

For control and direct switching power circuits

Assembly

## PLB SERIES STANDARD VERSIONS

PLB side-by-side pendant station



NO.	REF. NO.	DESCRIPTION
01	1170807.	DOUBLE ROW PENDANT STATION COVER...PUSH BUTTONS
02	1171004.	DOUBLE ROW PENDANT STATION BASE...PUSH BUTTONS
03	11606022	SELF TAPPING STAINLESS STEEL SCREW 4X30
04	11901035	RUBBER GASKET Ø 2
05	PL003001	2-HOLE CONTACT BLOCKS SUPPORT
06	12001021	SUNSPENSION RING
07	PL004001	1 NC CONTACT BLOCK
	PL004002	1 NO CONTACT BLOCK
	PL004010	2-SPEED 1NO+1NO CONTACT BLOCK
08	PL004007	LAMP HOLDER
	11607007	SELF TAPPING SCREW 3.9X13
09	PL00700..	ROTARY SWITCH
	PL00600..	KEY SWITCH
10	PL00800..	PILOT LIGHT
	PL0050....	ENGRAVED PUSH BUTTONS
	PL013001	MUSHROOM OPERATOR TURN TO RELEASE WITH VISION
12	PL011002	BOTTOM MECHANICAL INTERLOCK
13	PL011001	TOP MECHANICAL INTERLOCK
14	11705100	M22 ZAMA LOCK NUTS
15	PL012001	CABLE CLAMP LEVER
16	12904008-09	CABLE CLAMP
17	12906004	PLB04 - 06 - 08 CABLE SLEEVE
	12906005	PLB10 - 12 - 14 CABLE SLEEVE



# Pendant stations

## DC30 series pendant stations for power circuits

Accessories



### CONTACT BLOCK FOR SINGLE-SPEED REVERSING MOTORS

3NO+1NC

30205085

4NO

30205087

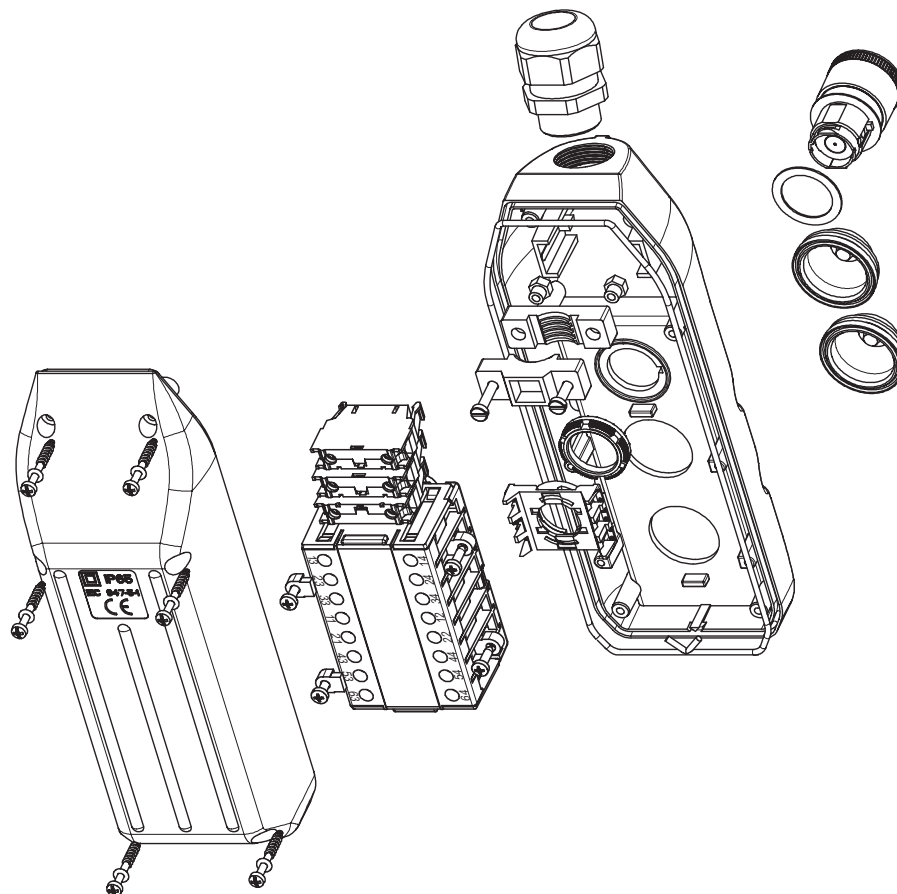
### CONTACT BLOCK FOR TWO-SPEED REVERSING MOTORS

4NO

30205086

(2NO+2NC PROGRESSIVE)

Exploded view







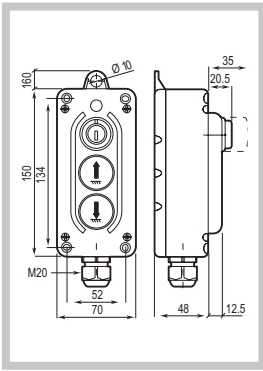




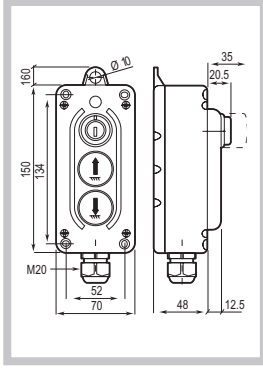
# Pendant stations

## TLP series push button stations for tail lifts

IP65  Spring loaded terminal contact blocks

### GENERAL CHARACTERISTICS





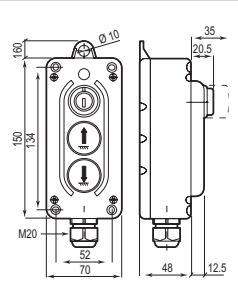





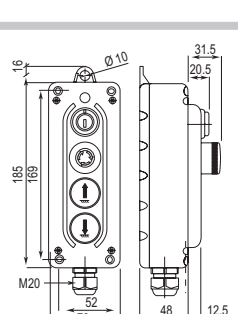





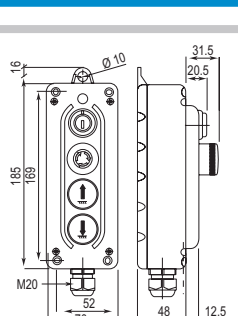





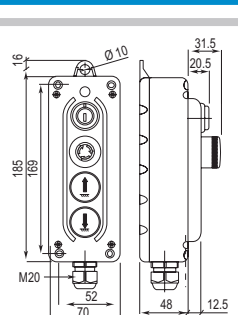
- Suitable for truck tail lifts
- Comply with UNI EN 1570 2001
- Heat resistant thermoplastic enclosure
- IP65 protection rating according to IEC/EN 60529
- Cable entry with No. 1 M20 cable clamp
- Suitable to be used both as pendant or fixed control station
- Laser printed push buttons

2 directions mechanically interlocked	ENGRAVING	DESCRIPTION	REFERENCE NO.	WEIGHT gr	DIMENSIONS
	  	<p>No. 1 UP push button with 1 NO contact</p> <hr/> <p>No. 1 COMMON push button with 1 NO contact</p> <hr/> <p>No. 1 DOWN push button with 1 NO contact</p>	TLP3.A	238	
	  	<p>No. 1 Emergency stop ø 30 turn to release EN418</p> <hr/> <p>No. 2 push buttons with 1 NO contact</p>	TLP3.B	255	

# Pendant stations

## TLP series push button stations for tail lifts

IP65  spring loaded terminal contact blocks

2 directions mechanically interlocked	ENGRAVING	DESCRIPTION	REFERENCE NO.	WEIGHT gr	DIMENSIONS
	  	<p>No. 1 90° angle key switch 0-1 with 1 NO contact</p> <hr/> <p>No. 2 push buttons with 1 NO contact</p>	TLP3.C	255	
	   	<p>No. 1 Emergency stop ø 30 turn to release EN418</p> <hr/> <p>No. 1 UP push button with 1 NO contact</p> <hr/> <p>No. 1 COMMON push button with 1 NO contact</p> <hr/> <p>No. 1 DOWN push button with 1 NO contact</p>	TLP4.A	314	
	   	<p>No. 1 90° angle key switch 0-1 with 1 NO contact</p> <hr/> <p>No. 1 Emergency stop ø 30 turn to release EN418</p> <hr/> <p>No. 2 push buttons with 1 NO contact</p>	TLP4.B	314	
	   	<p>No. 4 push buttons with 1 NO contact</p>	TLP4.C	297	



programmable  
control systems



safety  
remote controls



rotary  
limit  
switches



cabled  
controls



general  
purpose  
radio  
controls



foot  
switches



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