

# Pendant Control

## HY-1020 Series



Pendant controls for cranes,  
hoists, power lifts of truck,  
electric lift and other moving  
equipments

# Overview

**Podem's pendant controls** cover wide field of light and medium duty control applications. They are very reliable, with ergonomic compact design and easy for handling and operation.

## Application:

Cranes, hoists, power lifts of truck, electric lift and other moving equipments.

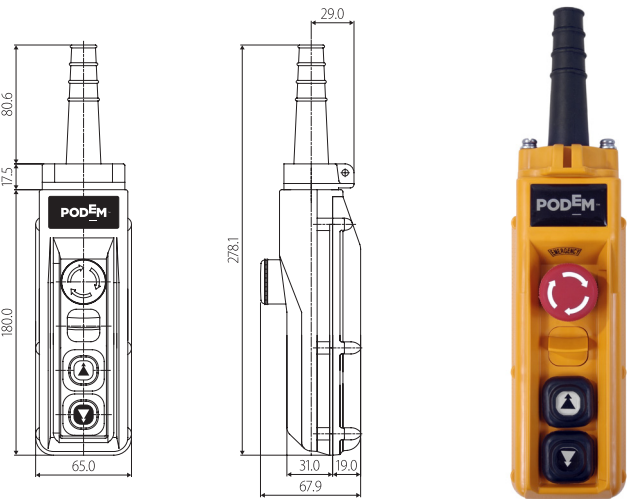
## Advantages:

- Excellent price-quality level.
- Various push buttons pendant models (from 2 to 6 buttons plus optional accessories).
- Made of the ABS copolymer with an excellent mechanical intensity and electrical features.
- Light weight.
- Standard Emergency switch for cut OFF the operation power.
- Durable contact units, which provides to select frequently and reliably the controlling load. Two position contact unit has mechanical lock-up feature for additional safety.

# Design

# Model Range

## HY-1022 SB



Wire protector  
For the water-proof packing  
and wire protection

Bushing holder (internal)  
Designed to be applied  
disregarding the size of wire.

Emergency button Cut OFF  
the power in an emergency  
situation. Standard application  
for the crane design.  
Latch key available.

Buttons according to the  
model of the pendant.  
Single and double stage  
contact system. Mechanical  
interlock for safety reason.  
Arrows (single and double)  
marking for each direction.

Body: Compact and ergonomic size  
Operational button number  
(from 2 to 10 inserts)

Blind hole for small signal light  
and START switch

Push button

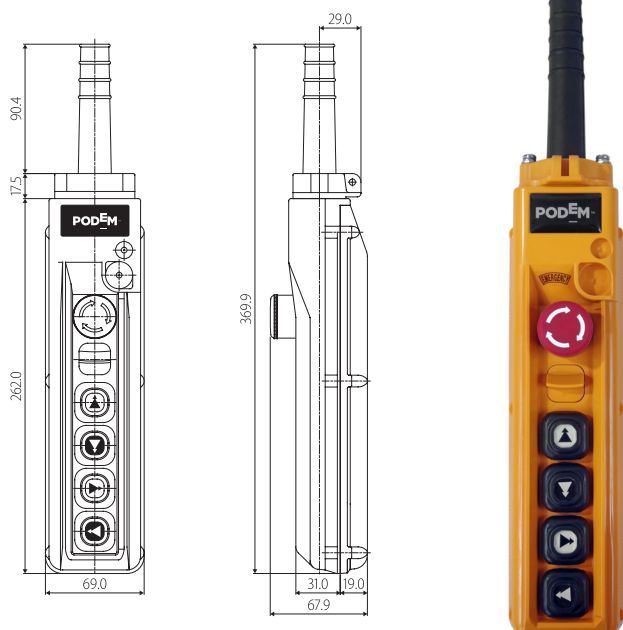
Selector key

INDICATOR light

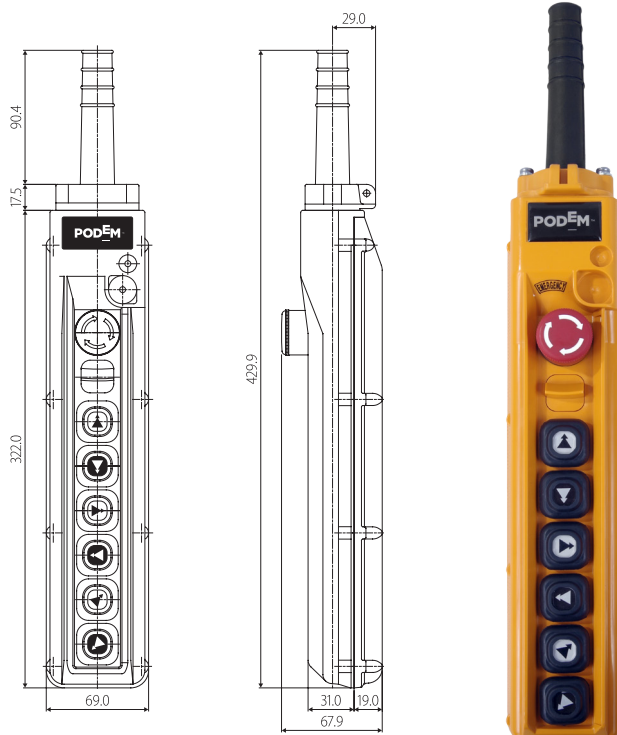
Switch optional

Hanger plate in each pendant set  
(Back side)

## HY-1024 SBB



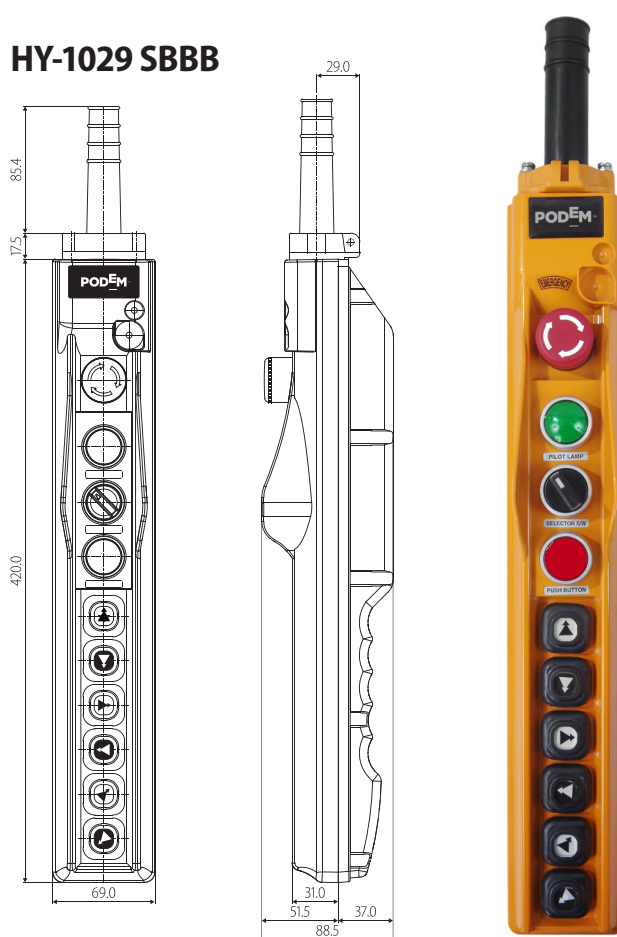
## HY-1026 SBBB



## HY-1026 SBBB-L



## HY-1029 SBBB





## Technical Features

Rated current	6 A 250 V AC (10 A 250 V AC for TS: push lock-turn reset)
Insulation resistance	100 MΩ (500 V d.c)
Dielectric strength	2000 V a.c. for 1 min (between the recharging part and non-recharging part)
Insulation category	Class II
Degree of protection	IP66 (Indoor/Outdoor)
Vibration resistance	from 10 to 55 Hz double amplitude 1.0 mm
Shock resistance	500 m/s <sup>2</sup>
Materials	Case: strong shock resistance ABS copolymer
	Button and wire protector : special rubber
Cable entry: rubber cable sleeve	diameter 14÷26 mm
Buttons mechanical life	3 million operations (enough for more than 20 years operation)
Conformity to EU Directives	2006/42/CE, 2006/95/CE
Conformity to standards	EN 60204-1, EN 60947-1, EN 60947-5-1, EN 60529, EN 418
Operating temperature	-10 °C / +50 °C
Storage temperature	-20 °C / +55°C
Operating humidity	45 to 85% R.H.

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