



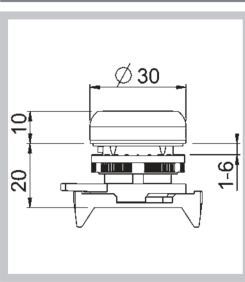







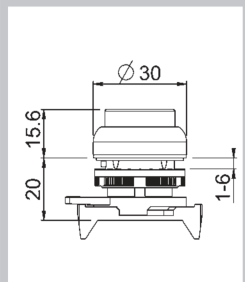







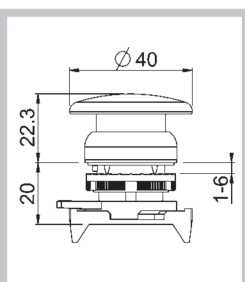


# Pegasus

## Push buttons $\varnothing$ 22



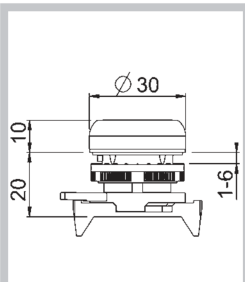





Not light - Nickel line - IP67



### MOMENTARY PUSH BUTTONS

	DESCRIPTION	COL. INDEX	CODE	WEIGHT gr	MIN. PACK QTY.	DIMENSIONS
	Flush Push Button		PPRN1NL	30	10	
			PPRN2NL	30	10	
			PPRN3NL	30	10	
			PPRN4NL	30	10	
			PPRN5NL	30	10	
			PPRN8NL	30	10	
	Extended Push Button		PPSN1NL	31	10	
			PPSN2NL	31	10	
			PPSN3NL	31	10	
			PPSN4NL	31	10	
			PPSN5NL	31	10	
			PPSN8NL	31	10	
	Mushroom $\varnothing$ 40		PPFN1M4NNL	45	10	
			PPFN2M4NNL	45	10	
			PPFN3M4NNL	45	10	

### LATCHED PUSH BUTTONS

	DESCRIPTION	COL. INDEX	CODE	WEIGHT gr	MIN. PACK QTY.	DIMENSIONS
	Flush Push Button		PPPN1NL	31	10	
			PPPN2NL	31	10	
			PPPN3NL	31	10	
			PPPN4NL	31	10	
			PPPN5NL	31	10	
			PPPN8NL	31	10	



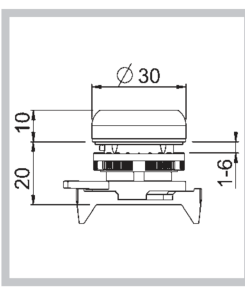






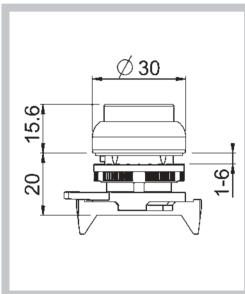






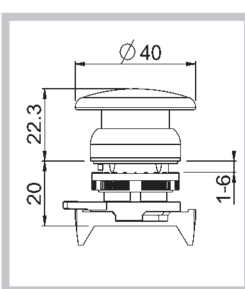
# Pegasus

## Push buttons $\varnothing$ 22



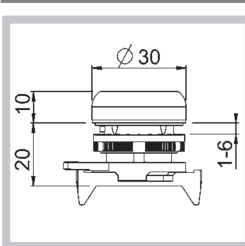




With lens cap - Nickel line - IP67



### MOMENTARY PUSH BUTTONS

	DESCRIPTION	COL. INDEX	CODE	WEIGHT gr	MIN. PACK QTY.	DIMENSIONS
	Flush Push Button		PPRL1NL	30	10	
			PPRL2NL	30	10	
			PPRL3NL	30	10	
			PPRL4NL	30	10	
			PPRL5NL	30	10	
	Extended Push Button		PPSL1NL	31	10	
			PPSL2NL	31	10	
			PPSL3NL	31	10	
			PPSL4NL	31	10	
			PPSL5NL	31	10	
	Mushroom $\varnothing$ 40		PPFL1M4NNL	43	10	

### LATCHED PUSH BUTTONS

	DESCRIPTION	COL. INDEX	CODE	WEIGHT gr	MIN. PACK QTY.	DIMENSIONS
	Flush Push Button		PPPL1NL	31	10	
			PPPL2NL	31	10	
			PPPL3NL	31	10	
			PPPL4NL	31	10	
			PPPL5NL	31	10	

# Pegasus

## Technical data

### Electrical characteristics

#### CONTACT BLOCKS

IEC/EN 60947-5-1 CHARACTERISTICS		PLO04001 - PLO04002	PCW01-PCW10	PSC01-PSC10
Rated insulation voltage $U_i$	V	690 V*	690 V*	690 V*
Rated impulse withstand voltage $U_{imp}$	kV	4*	4*	4*
Operating frequency	Hz	50/60*	50/60*	50/60*
Rated thermal current $I_{th}$	A	16*	16*	16*
Rated thermal current enclosed $I_{the}$	A	10*	10*	10*
<b>RATED OPERATING CURRENT <math>I_e</math>:</b>				
AC15: alternate current	V	24 60 110 230 400 440 500 690	24 60 110 240 400 440 500 690	24 60 110 240 400 440 500 690
	A	16* 12 8 6 4,5 3,5 1* 1	16* 12* 5 5* 4 4 4* 2*	16* 12* 5 5* 4 4 4* 2*
DC13: direct current	V	24 48 60 110 220	24 48 60 110 250	24 48 60 110 250
	A	2* 1,2 0,85 0,4 0,25*	2 2* 1* 0,4 0,4*	2 2* 1* 0,4 0,4*
Conditional short circuit withstand current	A	1000*	1000*	1000*
Fuse rating gG	500 V	10A*	10A*	10A*
Contact insulation resistance	m $\Omega$	<25	<25	<25
Switching mechanism		Slow break double gap contacts		
Contact duty		⊕ NC contact with positive opening		
Minimum tripping force		4N	4N	4N
Electrical life AC15	mil. cycles	1A/1,5 - 2A/0,5 - 3A/0,25	1A/1,5 - 2A/0,5 - 3A/0,25	1A/1,5 - 2A/0,5 - 3A/0,25
<b>UL 508 CHARACTERISTICS</b>				
General use		10A-600V ac 2,5A-125V dc	10A-600V ac 2,5-125V dc	10A-600V ac 2,5-125V dc
Heavy Duty (HD) category		A600-Q600	A600-Q600	A600-Q600

#### LED PILOT LAMP

IEC/EN 60947-5-1 CHARACTERISTICS		LED PLML.L	BA9s - PLML.
Rated insulation voltage $U_i$ AC/DC	V	6 - 12 - 24 - 48 - 110 - 220	250
Rated insulation voltage $U_i$ AC	V	380	-
Operating frequency	Hz	50/60	50/60
Current $I_e$	mA	≤50 (6V - 12V) - ≤20 (24V...380V)	2 W max
Brightness	cd/m <sup>2</sup>	≤40	-
Electrical life	h	≤30.000	-

#### POWER SUPPLIES

IEC/EN 60947-5-1 CHARACTERISTICS		DIRECT PLO04007 PCWAD-PSCAD	LED PLO04.L. PCW.L.-PSC.L.	RESISTOR PLO04RD.	TRANSFORMER PLO04TR.	FLASHING LIGHT PLO04LA.
				PRIMARY SECONDARY	PRIMARY SECONDARY	PRIMARY SECONDARY
Rated insulation voltage $U_i$	V	690*	400	400	440	400
Rated operating voltage $U_e$	V	400* 300 <sup>1</sup>	AC/DC 12-24	110/130 48/60	110/130 24	24 24
	V	-	AC/DC 48	220/240 110/130	220/240 24	110/130 110/130
	V	-	AC/DC 110	-	380/440 24	-
	V	-	AC 220	-	-	-
Max rated power	W	2,4* 2,5 <sup>1</sup>	-	2	1,5	2,6
Power supply		AC/DC	-	-	AC	-
Lamp fixing system		BA9s	-	BA9s	BA9s	BA9s

<sup>1</sup> UL certified values

\* IMQ certified values

# Pegasus

## Technical data

### Electrical characteristics



AUTOMATION TECHNOLOGIES

#### STANDARD CONFORMITY

■	<b>Approvals</b>		UL, IMQ, CCC, GOST-R, R.I.NA
■	<b>Protection class</b>	<b>EN60529 Black line</b>	IEC/EN60947-5-1, UL508
		<b>EN60529 Nickel line</b>	IP65: Buttons and switches, joysticks, single-lamp, Mushroom emergency EN ISO 13850
		<b>Conforms to UL50</b>	IP40: Multi-Function push buttons
		<b>EN60529</b>	IP66: Switches
			IP67: Push buttons and multifunction push buttons
			Type 1,3R, 4, 4x,12,13, NEMA 4X
			IP65: Control stations, enclosures - IP66 mushroom pushbutton ø90
			IP20: Contacts / power PCW., PL. - IPOO; PSC.
■	<b>Material group</b>	<b>EN60947-1</b>	II
■	<b>Pollution grade</b>	<b>EN60947-1</b>	3
■	<b>Flammability</b>	<b>UL94</b>	VO: live parts
■	<b>Ambient temperature</b>	<b>°C</b>	Operating: -25 +70
		<b>°C</b>	Storage: -30 +70
■	<b>Climate protection</b>	<b>IEC68 part 2-3</b>	Hot damp
		<b>IEC68 part 2-30</b>	Unsettled hot damp
	<b>Terminals referencing:</b>		EN50013
■	<b>Terminals:</b>		
	Dimensions		A2
	Screw		M3,5
	Torque		1.2Nm - EN60947-1 - 12 lb.in. UL508
■	<b>Capacity:</b>		
	solid and flexible conductors	<b>n° 1 min/max mm<sup>2</sup></b>	1/2.5 screw terminals, 0.5-2.5 spring loaded terminals
		<b>n° 2 min/max mm<sup>2</sup></b>	1/2.5 screw terminals, 0.5-2.5 spring loaded terminals
		<b>AWG</b>	20-12 screw terminals
■	<b>Mechanical life:</b>		
	Mushroom operators and standard Push buttons with colour cap	mil./operations	3
	Standard push buttons with lens cap		1
	Latched push button with colour cap		1
	Standard rotary switches		1
	Rotary switches with lens, latched pushbutton with lens cap, joysticks		0.5
	Emergency stop push buttons with release		0.3