

# Pegasus

## Push buttons $\varnothing 22$

With colour cap - Black line



AUTOMATION TECHNOLOGIES

MOMENTARY	DESCRIPTION	COL. INDEX	CODE	WEIGHT gr	MIN. PACK QTY.	DIMENSIONS
	Flush push button		PPRN1	30	10	
			PPRN2	30	10	
			PPRN3	30	10	
			PPRN4	30	10	
			PPRN5	30	10	
			PPRN8	30	10	
	Extended push button		PPSN1	31	10	
			PPSN2	31	10	
			PPSN3	31	10	
			PPSN4	31	10	
			PPSN5	31	10	
			PPSN8	31	10	
	Flush reset push button		PPRN4R	43	10	
	Mushroom $\varnothing 40$		PPFN1M4N	35	10	
			PPFN2M4N	35	10	
			PPFN3M4N	35	10	
	Mushroom $\varnothing 60$		PPFN1M6N	40	10	
<b>LATCHED</b>						
	Flush push button		PPPN1	32	10	
			PPPN2	32	10	
			PPPN3	32	10	
			PPPN4	32	10	
			PPPN5	32	10	
			PPPN8	32	10	
	Mushroom operator $\varnothing 40$		PPFN1S4N	35	10	
			PPFN2S4N	35	10	
			PPFN3S4N	35	10	

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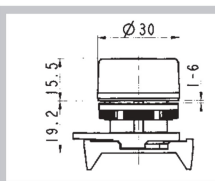






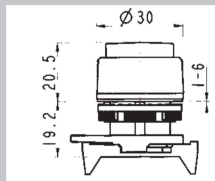






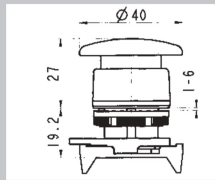
## Push buttons $\varnothing$ 22

With lens cap - Black line



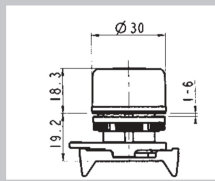






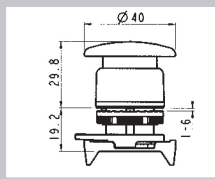




AUTOMATION TECHNOLOGIES



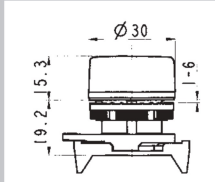




### MOMENTARY PUSH BUTTONS

	DESCRIPTION	COL. INDEX	CODE	WEIGHT gr	MIN. PACK QTY.	DIMENSIONS
	Flush push button		PPRL1	30	10	
			PPRL2	30	10	
			PPRL3	30	10	
			PPRL4	30	10	
			PPRL5	30	10	
	Extended push button		PPSL1	31	10	
			PPSL2	31	10	
			PPSL3	31	10	
			PPSL4	31	10	
			PPSL5	31	10	
	Mushroom operator $\varnothing$ 40		PPFL1M4N	35	10	

### LATCHED PUSH BUTTONS

	Flush push button		PPPL1	32	10	
			PPPL2	32	10	
			PPPL3	32	10	
			PPPL4	32	10	
			PPPL5	32	10	
	Mushroom operator $\varnothing$ 40		PPFL1S4N	35	10	
			PPFL2S4N	35	10	
			PPFL3S4N	35	10	

### INDICATOR LIGHT

	Flat cap		PLSL1	30	10	
			PLSL2	30	10	
			PLSL3	30	10	
			PLSL4	30	10	
			PLSL5	30	10	

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## 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.
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	PRIMARY SECONDARY	PRIMARY SECONDARY	PRIMARY SECONDARY
	V	-	AC/DC 48	110/130 48/60	110/130 24	24 24
	V	-	AC/DC 110	220/240 110/130	220/240 24	110/130 110/130
	V	-	AC 220	- -	380/440 24	- -
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

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## 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