

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*
RATED OPERATING CURRENT I_e:				
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 Ω	<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
UL 508 CHARACTERISTICS				
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 ²	≤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 ¹	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 ¹	-	2	1,5	2,6			
Power supply		AC/DC	-	-	AC	-			
Lamp fixing system		BA9s	-	BA9s	BA9s	BA9s			

¹ UL certified values

* IMQ certified values

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AUTOMATION TECHNOLOGIES

STANDARD CONFORMITY

■	Approvals		UL, IMQ, CCC, GOST-R, R.I.NA
■	Protection class	EN60529 Black line	IEC/EN60947-5-1, UL508
		EN60529 Nickel line	IP65: Buttons and switches, joysticks, single-lamp, Mushroom emergency EN ISO 13850
		Conforms to UL50	IP40: Multi-Function push buttons
		EN60529	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.
■	Material group	EN60947-1	II
■	Pollution grade	EN60947-1	3
■	Flammability	UL94	VO: live parts
■	Ambient temperature	°C	Operating: -25 +70
		°C	Storage: -30 +70
■	Climate protection	IEC68 part 2-3	Hot damp
		IEC68 part 2-30	Unsettled hot damp
	Terminals referencing:		EN50013
■	Terminals:		
	Dimensions		A2
	Screw		M3,5
	Torque		1.2Nm - EN60947-1 - 12 lb.in. UL508
■	Capacity:		
	solid and flexible conductors	n° 1 min/max mm²	1/2.5 screw terminals, 0.5-2.5 spring loaded terminals
		n° 2 min/max mm²	1/2.5 screw terminals, 0.5-2.5 spring loaded terminals
		AWG	20-12 screw terminals
■	Mechanical life:		
	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