

Pegasus

Technical data

Electrical characteristics

CONTACT BLOCKS

IEC/EN 60947-5-1 CHARACTERISTICS

Rated insulation voltage U_i	V
Rated impulse withstand voltage U_{imp}	kV
Operating frequency	Hz
Rated thermal current I_{th}	A
Rated thermal current enclosed I_{the}	A

PL004001 - PL004002

690 V*
4*
50/60*
16*
10*

PCW01-PCW10 PSC01-PSC10

690 V*
4*
50/60*
16*
10*

RATED OPERATING CURRENT I_e :

AC15: alternate current	V
	A
DC13: direct current	V
	A
Conditional short circuit withstand current	A
Fuse rating gG	500 V
Contact insulation resistance	m Ω
Switching mechanism	
Contact duty	
Minimum tripping force	
Electrical life AC15	mil. cycles

24	60	110	230	400	440	500	690	24	60	110	240	400	440	500	690
16*	12	8	6	4,5	3,5	1*	1	16*	12*	5	5*	4	4	4*	2*
24	48	60	110	220				24	48	60	110	250			
2*	1,2	0,85	0,4	0,25*				2	2*	1*	0,4	0,4*			

1000*
10A*
<25

1000*
10A*
<25

Slow break double gap contacts

⊕ NC contact with positive opening

4N
1A/1,5 - 2A/0,5 - 3A/0,25

4N
1A/1,5 - 2A/0,5 - 3A/0,25

UL 508 CHARACTERISTICS

General use	
Heavy Duty (HD) category	

10A-600V ac 2,5A-125V dc	10A-600V ac 2,5-125V dc
A600-Q600	A600-Q600

LED PILOT LAMP

IEC/EN 60947-5-1 CHARACTERISTICS

Rated insulation voltage U_i AC/DC	V
Rated insulation voltage U_i AC	V
Operating frequency	Hz
Current I_e	mA
Brightness	cd/m ²
Electrical life	h

LED PLML.L

6 - 12 - 24 - 48 - 110 - 220
380
50/60
≤50 (6V - 12V) - ≤20 (24V...380V)
≤40
≤30.000

BA9s - PLML.

250
-
50/60
2 W max
-
-

POWER SUPPLIES

IEC/EN 60947-5-1 CHARACTERISTICS

Rated insulation voltage U_i	V
Rated operating voltage U_e	V
	V
	V
	V
Max rated power	W
Power supply	AC/DC
Lamp fixing system	BA9s

DIRECT PL004007 PCWAD-PSCAD

690*
400*
300
-
-
-
2,4*
2,5
AC/DC
BA9s

LED PL004.L PCWL.L-PSC.L

400
AC/DC 12-24
AC/DC 48
AC/DC 110
AC 220
-
-
-
-
-

RESISTOR PL004RD.

400
PRIMARY SECONDARY
110/130 48/60
220/240 110/130
- -
2
-
BA9s

TRANSFORMER PL004TR.

440
PRIMARY SECONDARY
110/130 24
220/240 24
380/440 24
1,5
AC
BA9s

FLASHING LIGHT PL004LA.

400
PRIMARY SECONDARY
24 24
110/130 110/130
- -
2,6
-
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
Material group	EN60947-1	IP67: Push buttons and multifunction push buttons
Pollution grade	EN60947-1	Type 1,3R, 4, 4x,12,13, NEMA 4X
Flammability	UL94	IP65: Control stations, enclosures - IP66 mushroom pushbutton ø90
Ambient temperature	°C	IP20: Contacts / power PCW., PL. - IPOO; PSC.
	°C	II
Climate protection	IEC68 part 2-3	3
	IEC68 part 2-30	VO: live parts
Terminals referencing:		Operating: -25 +70
Terminals:		Storage: -30 +70
Dimensions		Hot damp
Screw		Unsettled hot damp
Torque		EN50013
Capacity:		
solid and flexible conductors	n° 1 min/max mm²	A2
	n° 2 min/max mm²	M3,5
	AWG	1.2Nm - EN60947-1 - 12 lb.in. UL508
Mechanical life:		
Mushroom operators and standard		1/2.5 screw terminals, 0.5-2.5 spring loaded terminals
Push buttons with colour cap	mil./operations	1/2.5 screw terminals, 0.5-2.5 spring loaded terminals
Standard push buttons with lens cap		20-12 screw terminals
Latched push button with colour cap		
Standard rotary switches		3
Rotary switches with lens, latched		1
pushbutton with lens cap, joysticks		1
Emergency stop push buttons with release		1
		0.5
		0.3