

AUXILIARY CONTROLS | PEGASUS SERIES

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EMERGENCY PUSH BUTTONS Ø22 | EN ISO 13850

	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR Ø30 TWIST TO RELEASE			PPFN1R3N	42	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR WITH VISION Ø30 TWIST TO RELEASE			PPFN1R3S	44	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR Ø40 TWIST TO RELEASE			PPFN1R4N	44	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR WITH VISION Ø40 TWIST TO RELEASE			PPFN1R4S	46	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR Ø60 TWIST TO RELEASE			PPFN1R6N	50	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR WITH VISION Ø60 TWIST TO RELEASE			PPFN1R6S	52	10	

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	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR Ø40 WITH KEY RELEASE			PPFN1C4NX (not EN ISO 13850)	76	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR Ø40 PUSH-PULL			PPFN1P4N	44	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR Ø40 PUSH-PULL WITH VISION			PPFN1P4S	46	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR Ø40 PUSH-PULL WITH COLOUR CAP			PPFN1P4C	45	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	SIZES
MUSHROOM OPERATOR Ø40 PUSH-PULL WITH LENS CAP			PPFL1P4N	45	10	

TECHNICAL NOTES

- All operators comply with the relevant European standard.
- EN ISO 13850: Machine safety - Emergency stop operators, functional characteristics - Design guidelines.
- IEC/EN6097-5-1.
- Comply with the standard IEC/EN60204-1: Machine safety - Machine electrical circuits - General guidelines.
- The push buttons are designed with a load charge mechanism to ensure a reliable operation and stoppage, or blockage, in the activate position. The combination with positive switching NC contacts and the presence of the "status" indicator on some models, guarantee a high degree of reliability and effectiveness.

AUXILIARY CONTROLS | NEMA SERIES

AUXILIARY CONTROLS | NEMA SERIES

EMERGENCY PUSH BUTTONS Ø22 | EN ISO 13850 | NEMA 4-4X

	TYPE	COLOUR INDEX	CODE	WEIGHT (gr)	MIN. PACK QUANTITY	SIZES
	MUSHROOM OPERATOR Ø30 TWIST TO RELEASE	■	PPFN1R3N4X	42	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT (gr)	MIN. PACK QUANTITY	SIZES
	MUSHROOM OPERATOR WITH VISION Ø30 TWIST TO RELEASE	■	PPFN1R3S4X	44	10	

EMERGENCY PUSH BUTTONS Ø22 | EN ISO 13850 | NEMA 4-4X

	TYPE	COLOUR INDEX	CODE	WEIGHT (gr)	MIN. PACK QUANTITY	SIZES
	MUSHROOM OPERATOR Ø40 TWIST TO RELEASE	■	PPFN1R4N4X	44	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT (gr)	MIN. PACK QUANTITY	SIZES
	MUSHROOM OPERATOR WITH VISION Ø40 TWIST TO RELEASE	■	PPFN1R4S4X	46	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT (gr)	MIN. PACK QUANTITY	SIZES
	MUSHROOM OPERATOR Ø40 WITH KEY RELEASE	■	PPFN1C4NX4X (non EN ISO 13850)	76	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT (gr)	MIN. PACK QUANTITY	SIZES
	MUSHROOM OPERATOR WITH VISION Ø40 PUSH-PULL	■	PPFN1P4N4X	44	10	
	TYPE	COLOUR INDEX	CODE	WEIGHT (gr)	MIN. PACK QUANTITY	SIZES
	MUSHROOM OPERATOR Ø40 PUSH-PULL WITH VISION	■	PPFN1P4S4X	46	10	

TECNICAL NOTES

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- Comply with the standard IEC/EN60204-1: Machine safety - Machine electrical circuits - General guidelines.
- The push buttons are designed with a load charge mechanism to ensure a reliable operation and stoppage, or blockage, in the activate position. The combination with positive switching NC contacts and the presence of the "status" indicator on some models, guarantee a high degree of reliability and effectiveness.

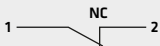
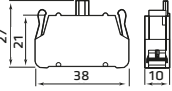
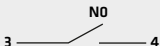


AUXILIARY CONTROLS | PEGASUS SERIES

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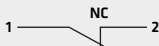
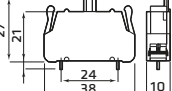
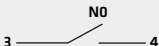
CONTACT BLOCKS | SPRING LOADED TERMINALS



DESIGNATION	FUNCTION	CODE	SIZES
 1 — NC — 2	 0 1,5 6 mm	PCW01	
 3 — NO — 4	 0 3,5 6 mm	PCW10	

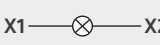
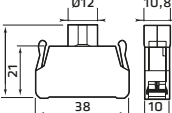
CONTACT BLOCKS | WELDING TERMINALS



DESIGNATION	FUNCTION	CODE	SIZES
 1 — NC — 2	 0 1,5 6 mm	PSC01	
 3 — NO — 4	 0 3,5 6 mm	PSC10	

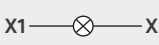
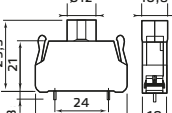
LAMPHOLDER BA9s



DESIGNATION	POWER SUPPLY	CODE	SIZES
 X1 — X2	BA9s Lamp socket 250V 2,4 W max Bulb not included	PCWAD	

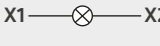
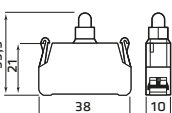
LAMPHOLDER BA9s



DESIGNATION	POWER SUPPLY	CODE	SIZES
 X1 — X2	BA9s Lamp socket 250V 2,4 W max Bulb not included	PSCAD	

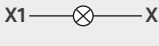
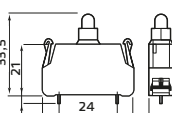
LAMPHOLDER WITH BUILT-IN LED

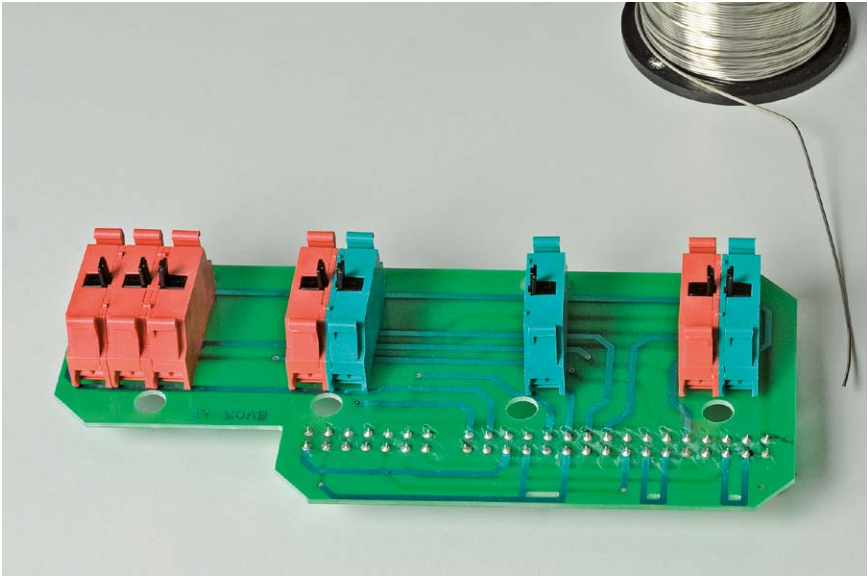
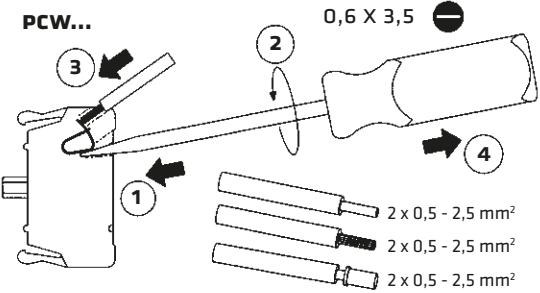


DESIGNATION	POWER SUPPLY	CODE	SIZES
 X1 — X2	AC/DC 12V	PCW5L12	
	AC/DC 24V	PCW5L24	
	AC/DC 48V	PCW5L48	
	AC/DC 110V	PCW5L110	
	AC 220V	PCW5L220	

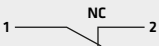
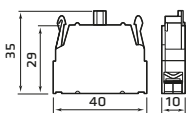
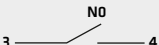
LAMPHOLDER WITH BUILT-IN LED



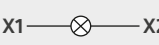
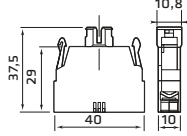
DESIGNATION	POWER SUPPLY	CODE	SIZES
 X1 — X2	AC/DC 12V	PSC5L12	
	AC/DC 24V	PSC5L24	
	AC/DC 48V	PSC5L48	
	AC/DC 110V	PSC5L110	
	AC 220V	PSC5L220	



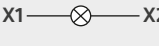
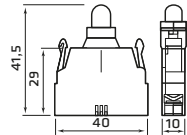
CONTACT BLOCKS | SCREW TERMINALS

	DESIGNATION	FUNCTION	CODE	SIZES
		 	PL004001	
		 	PL004002	

LAMPHOLDER BA9s

	DESIGNATION	POWER SUPPLY	CODE	SIZES
		BA9s Lamp socket 250V 2,4 W max Bulb not included	PL004007	

LAMPHOLDER WITH BUILT-IN LED

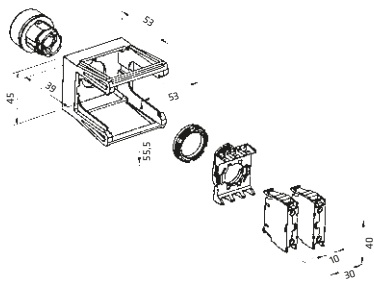
	DESIGNATION	POWER SUPPLY	CODE	SIZES
		AC/DC 12V	PL0045L12	
		AC/DC 24V	PL0045L24	
		AC/DC 48V	PL0045L48	
		AC/DC 110V	PL0045L110	
		AC 220V	PL0045L220	

ACCESSORIES

DIN RAIL MOUNTING ADAPTOR



DESCRIPTION	CODE
DIN EN50022 RAIL MOUNTING FOR 46 MM STANDARDISED GREY ENCLOSURES	11708351



PROTECTION CAPS

FOR FLUSH BUTTON

DESCRIPTION	CODE
PEGASUS	PCR



FOR EXTENDED PUSH BUTTON

DESCRIPTION	CODE
PEGASUS	PCS



FOR MULTIFUNCTIONAL SERIES

PEGASUS	CODE
PPDN-PPDL	PCD
PPMN	PCM
PPDNR-PPDLR	PCN



CENTRAL CONTACT OPERATION



DESCRIPTION	CODE
FOR PUSH BUTTONS STABLE-UNSTABLE	PAC

KEY FIXING BULB EXTRACTOR



CODE
PCF

STOPPER CLOSING HOLES Ø22,5



CODE
PTRN8

CONTACTS SUPPORT



DESCRIPTION	CODE	DESCRIPTION	CODE
TO CONTACT ELEMENTS PL, PCW, PSC	PPELN8	TO FIVE CONTACT ELEMENTS PL, PCW, PSC	PPELN8-5

FASTON CONNECTORS AND FOR PCB



DESCRIPTION	CODE	DESCRIPTION	CODE
FASTON 6,3x0,8	11708341	PCB	11708235

TO SCREW CONTACTS PL

OPERATOR CAPS Ø22

MOMENTARY AND LATCHED, FLUSH PUSH BUTTONS

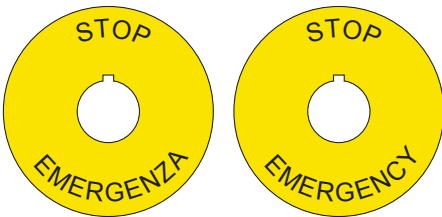


SYMBOL	COLOUR	CODE
	■	PPRN2/I
	■	PPRN1/O
	■	PPRN2/II
	■	PPRN2/START
	■	PPRN1/STOP

SYMBOL	COLOUR	CODE
	■	PPRN2/ON
	■	PPRN1/OFF
	■	PPRN5/F
	■	PPRN8/F

Available others symbols on request, also in different languages and colours.

EMERGENCY STOP RING



DESCRIPTION	TEXT	CODE
Ø60 Made of Aluminium Yellow background Black letters. Weight 3,5 gr. Min. packing q.ty 10 pcs.	(BLANK)	PTE
	STOP - EMERGENZA	PTE/I
	EMERGENCY - STOP	PTE/A
	NOT - AUS	PTE/D

Available others texts on request, also in different languages.

LEGEND PLATE



CODE
PPTN8

LABEL



TEXT	CODE
(BLANK)	PTA00
MARCIA	PTA01
ARRESTO	PTA02
I O II	PTA03
O I	PTA04
CHIUDE	PTA05
APRE	PTA06
EMERGENZA	PTA07
MANUALE	PTA08
AUTOMATICO	PTA09
AVANTI	PTA10
INDIETRO	PTA11
EIN	PTA12
AUS	PTA13
STOP	PTA14
START	PTA15
RESET	PTA16
I → O ← II	PTA17
AUT O MAN	PTA18
INS - DISINS	PTA26
HAND OFF AUTO	PTA27
FORW OFF REV	PTA28
ON OFF	PTA29



TECHNICAL DATA | ELECTRICAL CHARACTERISTICS

CONTACT BLOCKS

EC/EN 60947-5-1 CHARACTERISTICS		P L004001-P L004002									P C W01-P C W10 / P S C01-P S C10								
Rated insulation voltage Ui	V	690*									690*								
Rated impulse withstand voltage Uimp	kV	4*									4*								
Operating frequency	Hz	50/60*									50/60*								
Rated thermal current Ith	A	16*									16*								
Rated thermal current in enclosed Ithe	A	10*									10*								
RATED OPERATING CURRENT Ie:		P L004001-P L004002									P C W01-P C W10 / P S C01-P S C10								
AC15: Alternate current	V	24	60	110	230	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*		
DC13: Direct current	V	24	48		60	110		220		24	48		60	110		250			
	A	2*	1,2		0,85	0,4		0,25*		2	2*		1*	0,4		0,4*			
Conditional short circuit withstand current	A	1000*									1000*								
Fuse rating gG	500V	10A*									10A*								
Contact insulation resistance	mΩ	<25									<25								
Switching mechanism		Slow break double gap contacts									Slow break double gap contacts								
Contact duty		☺ NC contact with positive opening									☺ NC contact with positive opening								
Minimum tripping force		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								
UL 508 CHARACTERISTICS		P L004001-P L004002									P C W01-P C W10 / P S C01-P S C10								
General Use		10A-600V ac - 2,5A-125V dc									10A-600V ac - 2,5A-125V dc								
Heavy Duty (HD) category		A600-Q600									A600-Q600								

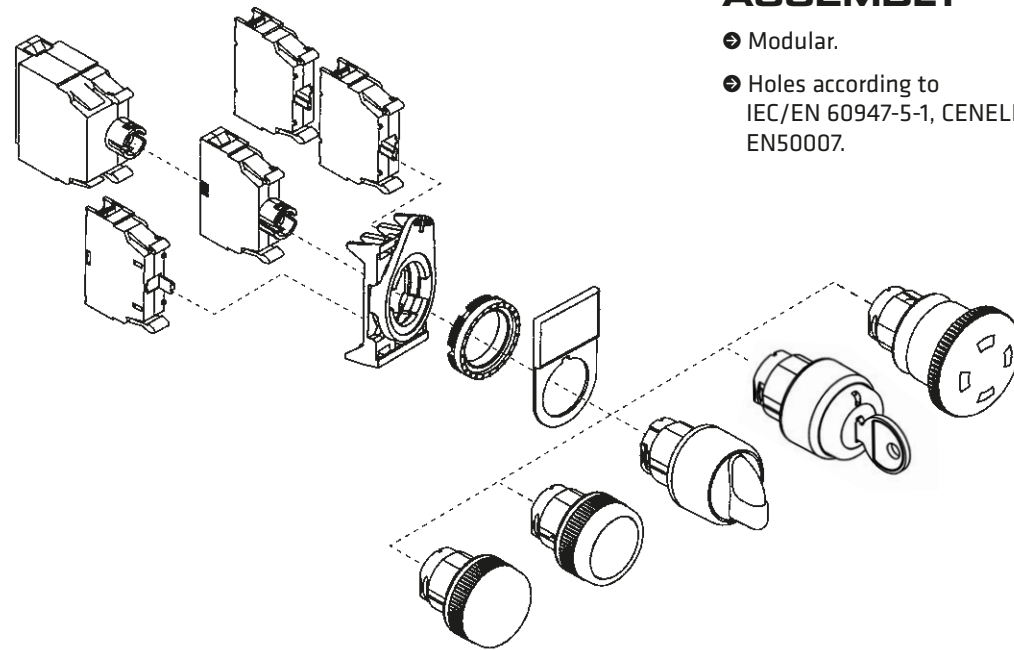
LAMP HOLDER

		B A9s								BUILT-IN LED							
EC/EN 60947-5-1 CHARACTERISTICS		D I R E C T P L004007 P C W A D - P S C A D								L E D P L004.L. P C W .L.-P S C .L.							
Rated insulation voltage Ui	V	690*								400							
Rated operating voltage Ue	V	400* 300 1								AC/DC 12-24							
	V	-								AC/DC 48							
	V	-								AC/DC 110							
	V	-								AC 220							
	V	-								-							
Max rated power	W	2,4* 2,5 1								-							
Power supply		AC/DC								-							
Lamp fixing system		BA9s								-							

TECHNICAL DATA | ELECTRICAL CHARACTERISTICS

STANDARD CONFORMITY		UL - IMG - CCC - EAC - R.I.N.A	
Approvals		IEC/EN60947-5-1, UL508	
Protection class	EN 60529	IP65: Buttons and switches, joysticks, single-lamp IP66/IP67/IP69K: Mushroom emergency EN ISO 13850 IP40: Multi-function push buttons IP66: Buttons with protection caps Type 1 IP65: Control stations, enclosures IP66: Mushroom, Push button Ø90 IP20: Contacts PCW.,PL. IP00: PSC.	
	Conforms to UL50 EN 60529		
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 IEC68 part 2-30	Hot damp Unsettled Hot damp EN50013	
Terminals referecing			
Terminals:			
Terminal block caliber		A2	
Terminal screw		M3,5	
Tightening torque		1,2 Nm - EN60947-1 - 12 lb.in. UL508	
Capacity:			
Solid and flexible conductors	n° 1 min/max mm² n° 2 min/max mm² AWG	1/2,5 screw terminals, 0,5-2,5 spring loaded terminals 1/2,5 screw terminals, 0,5-2,5 spring loaded terminals 20-12 screw terminals, 20-12 spring loaded terminals	
Mechanical life:			
Mushroom operators and standard		3	
Push buttons with colour cap	mil./operations		
Standard push buttons with lens cap		1	
Latched push buttons with colour cap		1	
Standard rotary switches		1	
Rotary switches with lens, latched push button with lens cap, joystick		0,5	
Emergency stop push buttons with release		0,3	

ASSEMBLY INSTRUCTIONS



ASSEMBLY

- ➔ Modular.
- ➔ Holes according to IEC/EN 60947-5-1, CENELEC EN50007.

CENELEC EN50007

- ➔ Panel thickness from 1 up to 6 mm.

- ➔ If not required, lock nuts can be easily removed by means of a screwdriver.

