


### ROTARY SWITCHES Ø22 | IP67-IP69K

#### WITH OPERATOR

#### WITH LIGHT OPERATOR

#### WITH KEY




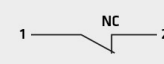

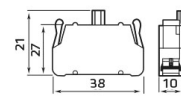
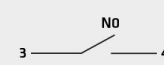

POSITION	COLOUR INDEX	CODE	COLOUR INDEX	CODE	KEY REMOVAL			CODE
					L	O	R	
 90°	■	PSMB1D0GL	■	PSML1D0GL		*		PSCR8D0CGL
	■	PSMB2D0GL	■	PSML2D0GL				
	■	PSMB3D0GL	■	PSML3D0GL			*	PSCR8D0EGL
	■	PSMB4D0GL	■	PSML4D0GL				
	■	PSMB5D0GL	■	PSML5D0GL		*	*	PSCR8D0NGL
	■	PSMB8D0GL	■	PSML8D0GL				
 45°	■	PSMB1D1GL	■	PSML1D1GL		*		PSCR8D1CGL
	■	PSMB2D1GL	■	PSML2D1GL				
	■	PSMB3D1GL	■	PSML3D1GL			*	PSCR8D1EGL
	■	PSMB4D1GL	■	PSML4D1GL				
	■	PSMB5D1GL	■	PSML5D1GL		*	*	PSCR8D1NGL
	■	PSMB8D1GL	■	PSML8D1GL				
 45°	■	PSMB1D2GL	■	PSML1D2GL				
	■	PSMB2D2GL	■	PSML2D2GL				
	■	PSMB3D2GL	■	PSML3D2GL		*		PSCR8D2CGL
	■	PSMB4D2GL	■	PSML4D2GL				
	■	PSMB5D2GL	■	PSML5D2GL				
	■	PSMB8D2GL	■	PSML8D2GL				
 45°	■	PSMB1T0GL	■	PSML1T0GL	*	*		PSR8T0CGL
	■	PSMB2T0GL	■	PSML2T0GL			*	PSR8T0AGL
	■	PSMB3T0GL	■	PSML3T0GL	*	*	*	PSR8T0EGL
	■	PSMB4T0GL	■	PSML4T0GL	*	*	*	PSR8T0GGL
	■	PSMB5T0GL	■	PSML5T0GL	*	*	*	PSR8T0HGL
	■	PSMB8T0GL	■	PSML8T0GL	*	*	*	PSR8T0KGL
 45°	■	PSMB1T3GL	■	PSML1T3GL				
	■	PSMB2T3GL	■	PSML2T3GL			*	PSCR8T3CGL
	■	PSMB3T3GL	■	PSML3T3GL				
	■	PSMB4T3GL	■	PSML4T3GL				
	■	PSMB5T3GL	■	PSML5T3GL				
	■	PSMB8T3GL	■	PSML8T3GL				
 45°	■	PSMB1T2GL	■	PSML1T2GL		*		PSCR8T2CGL
	■	PSMB2T2GL	■	PSML2T2GL				
	■	PSMB3T2GL	■	PSML3T2GL	*			PSCR8T2AGL
	■	PSMB4T2GL	■	PSML4T2GL				
	■	PSMB5T2GL	■	PSML5T2GL	*	*		PSCR8T2HGL
	■	PSMB8T2GL	■	PSML8T2GL				
 45°	■	PSMB1T1GL	■	PSML1T1GL		*		PSCR8T1CGL
	■	PSMB2T1GL	■	PSML2T1GL				
	■	PSMB3T1GL	■	PSML3T1GL			*	PSCR8T1EGL
	■	PSMB4T1GL	■	PSML4T1GL				
	■	PSMB5T1GL	■	PSML5T1GL		*	*	PSCR8T1NGL
	■	PSMB8T1GL	■	PSML8T1GL				

1 For standard rotary switches suitable to operate a central contact, replace the letter "B" with the letter "C": PSMC  
 2 For rotary switches with Left - Right operating angles replace the letters "DO" with "SD": PSMB100 or PSCR85DE


\* Key removable position


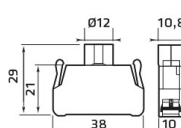
### CONTACT BLOCKS | SPRING LOADED TERMINALS




DESIGNATION	FUNCTION	CODE	SIZES
		PCW01	
		PCW10	


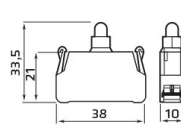
### LAMPHOLDER BA9s

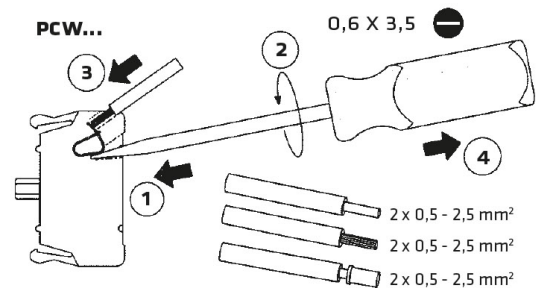
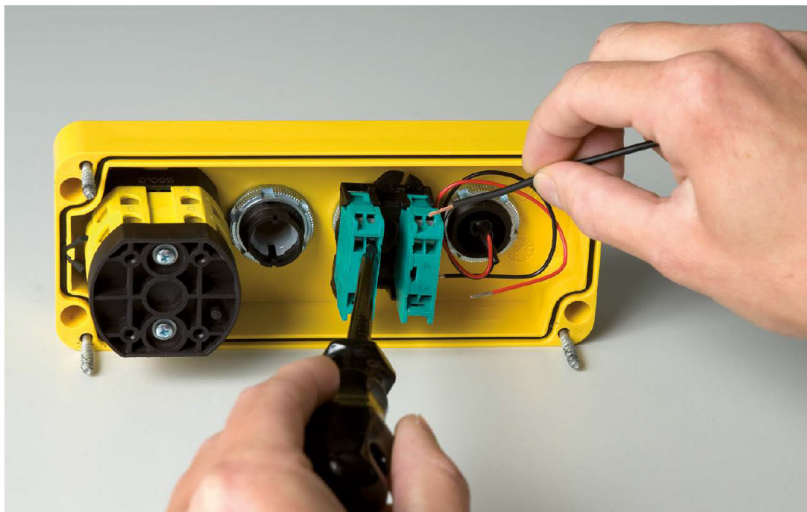


DESIGNATION	POWER SUPPLY	CODE	SIZES
	BA9s Lamp socket 250V 2.4 W max Bulb not included	PCWAD	


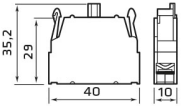
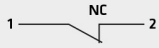
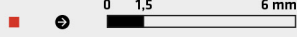
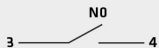

### LAMPHOLDER WITH BUILT-IN LED




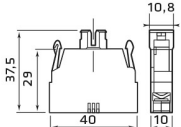

DESIGNATION	FUNCTION	CODE	SIZES
	AC/DC 12V	PCW5L12	
	AC/DC 24V	PCW5L24	
	AC/DC 48V	PCW5L48	
	AC/DC 110V	PCW5L110	
	AC 220V	PCW5L220	




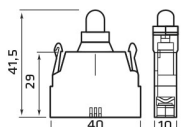

### CONTACT BLOCKS | SCREW TERMINALS

	DESIGNATION	FUNCTION	CODE	
			PL004001	
		PL004002		

### LAMPHOLDER BA9s

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

### LAMPHOLDER WITH BUILT-IN LED

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

### TECHNICAL DATA | ELECTRICAL CHARACTERISTICS

#### CONTACT BLOCKS

EC/EN 60947-5-1 CHARACTERISTICS		PLO04001-PLO04002								PCW01-PCW10 / PSC01-PSC10							
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	Hz	10*								10*							
RATED OPERATING CURRENT Ie:		PLO04001-PLO04002								PCW01-PCW10 / PSC01-PSC10							
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		PLO04001-PLO04002								PCW01-PCW10 / PSC01-PSC10							
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

EC/EN 60947-5-1 CHARACTERISTICS		BUILT-IN LED	
		LED PLO04.L. PCW.L.-PSC.L.	
Rated insulation voltage Ui	V	400	
Rated operating voltage Ue	V	AC/DC 12-24	
	V	AC/DC 48	
	V	AC/DC 110	
	V	AC 220	
Max rated power	W	-	
Power supply		-	
Lamp fixing system		-	

### TECHNICAL DATA | ELECTRICAL CHARACTERISTICS

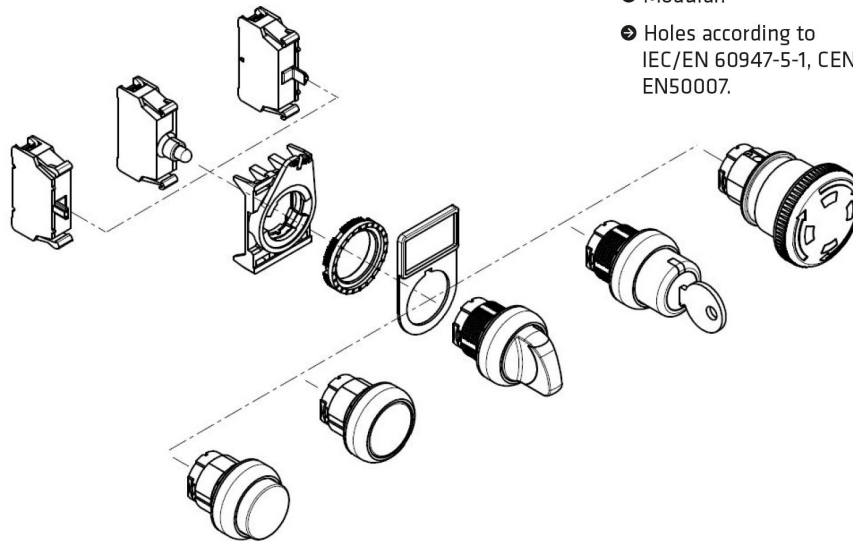
STANDARD CONFORMITY		UL - IMQ - R.I.NA	
Approvals		IEC/EN60947-5-1, UL508	
Protection class	EN 60529 BLACK LINE EN 60529 GREY LINE Conforms to UL50	IP65: Buttons and switches, Multifunction push button IP66/IP67/IP69K: Buttons and switches, Multifunction push button	
Material Group	EN60947-1	Type 1	
Pollution Grade	EN60947-1	II	
Flammability	UL94	3	
Ambient Temperature	°C	VO: live parts	
	°C	Operating: -25 +70	
Climate Protection	IEC68 part 2-3 IEC68 part 2-30	Storage: -30 +70	
Mechanical life:		Hot damp	
Mushroom operators and standard	mil./operations	Unsettled Hot damp	
Push buttons with colour cap		3	
Standard push buttons with lens cap		1	
Standard rotary switches		1	
Rotary switches with lens		0,5	
Emergency stop push buttons with release		0,3	

■ UL certified values \* IMQ values

### ASSEMBLY INSTRUCTIONS

#### ASSEMBLY

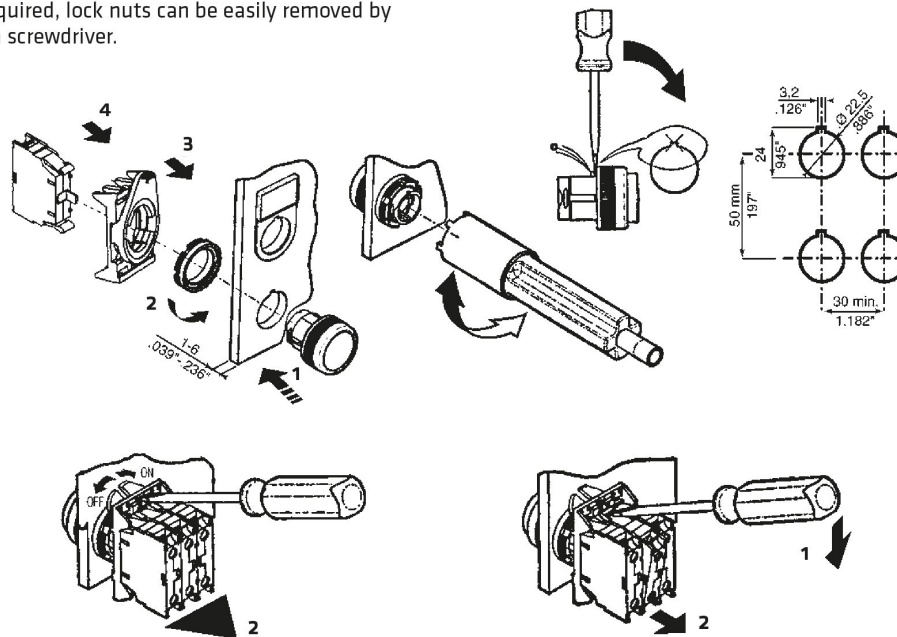
- Modular.
- Holes according to IEC/EN 60947-5-1, CENELEC EN50007.



#### CENELEC EN50007

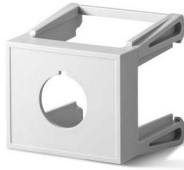
- Panel thickness from 1 up to 6 mm.

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



### ACCESSORIES | ORION SERIES

#### DIN RAIL MOUNTING ADAPTOR

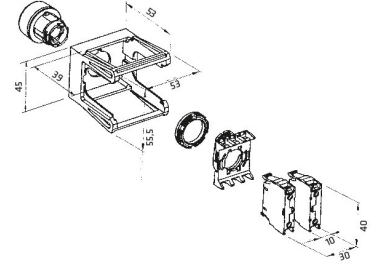


##### DESCRIPTION

DIN EN50022  
RAIL MOUNTING  
FOR 46 MM  
STANDARDISED  
ENCLOSURES  
GREY RAL 7035

##### CODE

11708351



#### KEY FIXING BULB EXTRACTOR



##### CODE

PCF

#### CONTACTS SUPPORT

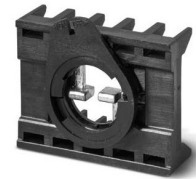


##### DESCRIPTION

TO CONTACT  
ELEMENTS  
PL, PCW, PSC

##### CODE

PPELN8



##### DESCRIPTION

TO FIVE CONTACT  
ELEMENTS  
PL, PCW, PSC

##### CODE

PPELN8-5