



GIOVENZANA
INTERNATIONAL B.V.



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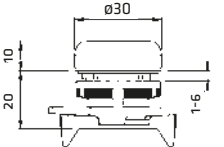
AUXILIARY CONTROLS
ORION SERIES


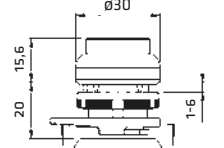
AUXILIARY CONTROLS | ORION SERIES | GREY LINE


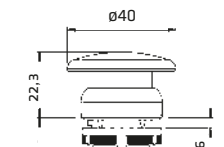
AUXILIARY CONTROLS | ORION SERIES | GREY LINE

PUSH BUTTONS Ø22 | WITH COLOUR CAP | IP67-IP69K

MOMENTARY


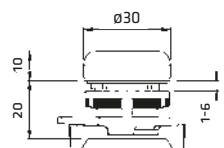
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	FLUSH PUSH BUTTON	■	PPRN1GL	30	10	
		■	PPRN2GL	30	10	
		■	PPRN3GL	30	10	
		■	PPRN4GL	30	10	
		■	PPRN5GL	30	10	
		■	PPRN8GL	30	10	


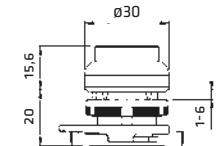
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	EXTENDED PUSH BUTTON	■	PPSN1GL	31	10	
		■	PPSN2GL	31	10	
		■	PPSN3GL	31	10	
		■	PPSN4GL	31	10	
		■	PPSN5GL	31	10	
		■	PPSN8GL	31	10	


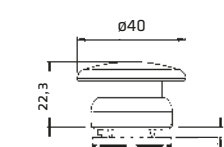
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	MUSHROOM Ø40	■	PPFN1M4NGL	45	10	
		■	PPFN2M4NGL	45	10	
		■	PPFN3M4NGL	45	10	

PUSH BUTTONS Ø22 | WITH LENS CAP | IP67-IP69K


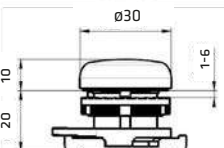
MOMENTARY

	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	FLUSH PUSH BUTTON	■	PPRL1GL	30	10	
		■	PPRL2GL	30	10	
		■	PPRL3GL	30	10	
		■	PPRL4GL	30	10	
		■	PPRL5GL	30	10	


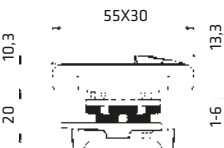
	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	EXTENDED PUSH BUTTON	■	PPSL1GL	31	10	
		■	PPSL2GL	31	10	
		■	PPSL3GL	31	10	
		■	PPSL4GL	31	10	
		■	PPSL5GL	31	10	



	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	MUSHROOM OPERATOR Ø40	■	PPFL1M4NGL	43	10	


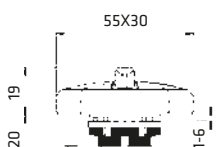
IND. LIGHT

	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	FLAT CAP	■	PLSL1NL	30	10	
		■	PLSL2NL	30	10	
		■	PLSL3NL	30	10	
		■	PLSL4NL	30	10	
		■	PLSL5NL	30	10	


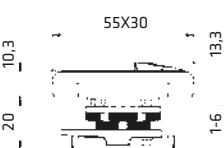
MULTIFUNCTION PUSH BUTTONS Ø22 | NOT LIGHT | IP67-IP69K



	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	DUAL PUSH BUTTON	■	PPDNL	38	10	

	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	EXTENDED DUAL PUSH BUTTON	■	PPDNSGL	38	10	

	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	MULTIFUNCTION PUSH BUTTON	■	PPMNSGL	40	10	

MULTIFUNCTION PUSH BUTTONS Ø22 | LIGHT | IP67-IP69K

	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	DUAL PUSH BUTTON	■	PPDLGL	38	10	
		■	PPDLGL.1	38	10	

	TYPE	COLOUR INDEX	CODE	WEIGHT grams	MIN. PACK QUANTITY	
	EXTENDED DUAL PUSH BUTTON	■	PPDLSGL	38	10	

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						
 45°		PSMB1D1GL		PSML1D1GL		*		PSCR8D1CGL
		PSMB2D1GL		PSML2D1GL				
		PSMB3D1GL		PSML3D1GL			*	PSCR8D1EGL
		PSMB4D1GL		PSML4D1GL				
		PSMB5D1GL		PSML5D1GL		*	*	PSCR8D1NGL
		PSMB8D1GL						
 45°		PSMB1D2GL		PSML1D2GL				PSCR8D2CGL
		PSMB2D2GL		PSML2D2GL				
		PSMB3D2GL		PSML3D2GL				
		PSMB4D2GL		PSML4D2GL				
		PSMB5D2GL		PSML5D2GL				
		PSMB8D2GL						
 45°		PSMB1T0GL		PSML1T0GL	*	*		PSCR8T0CGL
		PSMB2T0GL		PSML2T0GL			*	PSCR8T0AGL
		PSMB3T0GL		PSML3T0GL	*	*	*	PSCR8T0EGL
		PSMB4T0GL		PSML4T0GL	*	*	*	PSCR8T0GGL
		PSMB5T0GL		PSML5T0GL	*	*	*	PSCR8T0HGL
		PSMB8T0GL			*	*	*	PSCR8T0KGL
 45°		PSMB1T3GL		PSML1T3GL				PSCR8T3CGL
		PSMB2T3GL		PSML2T3GL				
		PSMB3T3GL		PSML3T3GL				
		PSMB4T3GL		PSML4T3GL				
		PSMB5T3GL		PSML5T3GL				
		PSMB8T3GL						
 45°		PSMB1T2GL		PSML1T2GL		*		PSCR8T2CGL
		PSMB2T2GL		PSML2T2GL				
		PSMB3T2GL		PSML3T2GL	*			PSCR8T2AGL
		PSMB4T2GL		PSML4T2GL				
		PSMB5T2GL		PSML5T2GL	*	*		PSCR8T2HGL
		PSMB8T2GL						
 45°		PSMB1T1GL		PSML1T1GL		*		PSCR8T1CGL
		PSMB2T1GL		PSML2T1GL				
		PSMB3T1GL		PSML3T1GL			*	PSCR8T1EGL
		PSMB4T1GL		PSML4T1GL				
		PSMB5T1GL		PSML5T1GL		*	*	PSCR8T1NGL
		PSMB8T1GL						

OPERATOR CAPS Ø22 | IP67-IP69K

MOMENTARY FLUSH PUSH BUTTONS



SYMBOL	COLOUR	CODE	SYMBOL	COLOUR	CODE
		PPRN2GL/I			PPRN2GL/ON
		PPRN1GL/O			PPRN1GL/OFF
		PPRN2GL/II			PPRN5GL/F
		PPRN2GL/START			PPRN8GL/F
		PPRN1GL/STOP			

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

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": PSMB1DO or PSCR8SDE

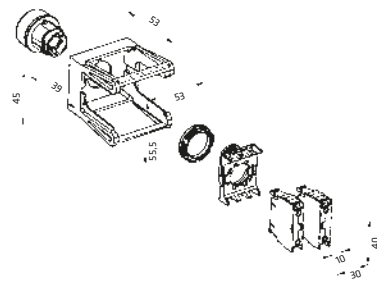
* Key removable position

ACCESSORIES | ORION SERIES

DIN RAIL MOUNTING ADAPTOR



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



PROTECTION CAPS

FOR FLUSH BUTTON

DESCRIPTION	CODE
ORION	PCRNL



FOR EXTENDED PUSH BUTTON

DESCRIPTION	CODE
ORION	PCSNL



FOR MULTIFUNCTIONAL SERIES

ORION	CODE
PPDNGL-PPDLGL	PCDNL
PPMNGL	PCMNL
PPDNRGL-PPDLRGL	PCNNL



CENTRAL CONTACT OPERATION



DESCRIPTION	CODE
FOR GL, BL, NEMA 4X SERIES	11708555

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

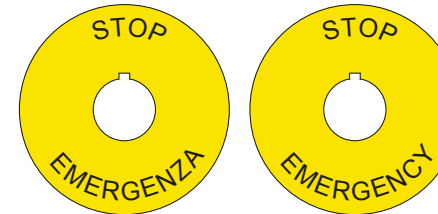


DESCRIPTION	CODE	DESCRIPTION	CODE
FASTON 6,3x0,8	11708341	PCB	11708235

TO SCREW CONTACTS PL

ACCESSORIES | ORION SERIES

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

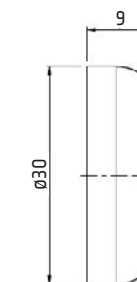
SPECIAL FRAMES ON REQUEST

• **SPECIAL FRAMES: NICKEL LINE**

The auxiliary controls of Grey Line of Orion Series can be supplied with seal in Nickel.

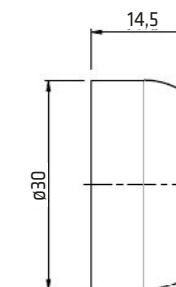
To order Nickel Execution replace the letters "GL" with "NL":

PPRN1GL (Grey Line) > PPRN1NL (Nickel Line)



• **SPECIAL FRAMES: SHROUDED Black Line / Grey Line**

The auxiliary controls of Orion Series are available also with shrouded seal.



Black Line
Orion Series



Grey Line
Orion Series

AUXILIARY CONTROLS | ORION SERIES

AUXILIARY CONTROLS | ORION SERIES

TECHNICAL DATA | ELECTRICAL CHARACTERISTICS

CONTACT BLOCKS

IEC/EN 60947-5-1 CHARACTERISTICS		PL004001-PL004002										PCW01-PCW10 / PSC01-PSC10									
Rated insulation voltage U_i	V	690*										690*									
Rated impulse withstand voltage U_{imp}	kV	4*										4*									
Operating frequency	Hz	50/60*										50/60*									
Rated thermal current I_{th}	A	16*										16*									
Rated thermal current in enclosed I_{the}	A	10*										10*									
RATED OPERATING CURRENT I_e :		PL004001-PL004002										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		PL004001-PL004002										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

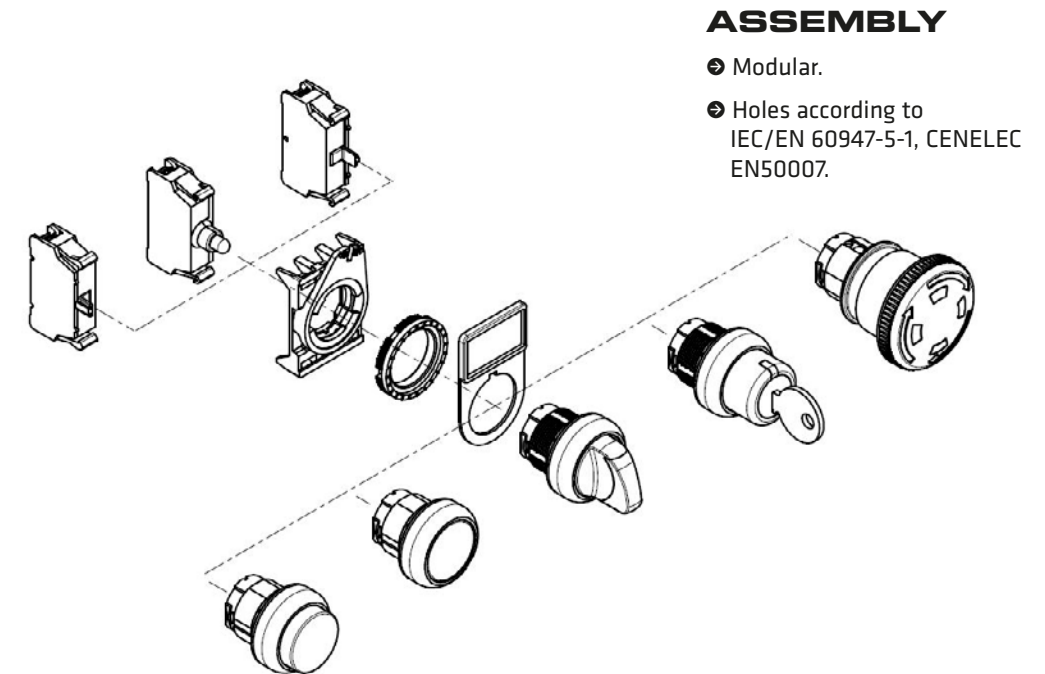
IEC/EN 60947-5-1 CHARACTERISTICS		BUILT-IN LED	
		LED PL004.L. PCW.L.-PSC.L.	
Rated insulation voltage U_i	V	400	
Rated operating voltage U_e	V	AC/DC 12-24	
	V	AC/DC 48	
	V	AC/DC 110	
	V	AC 220	
Max rated power	W	-	
Power supply		-	
Lamp fixing system		-	

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



CENELEC EN50007

Panel thickness from 1 up to 6 mm.

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

