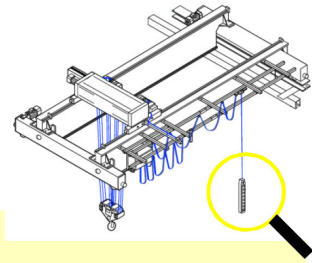


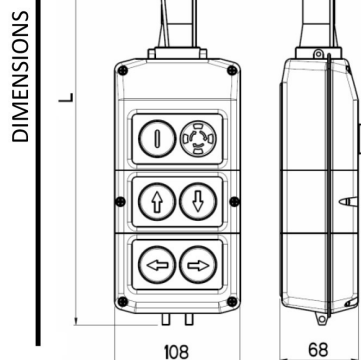
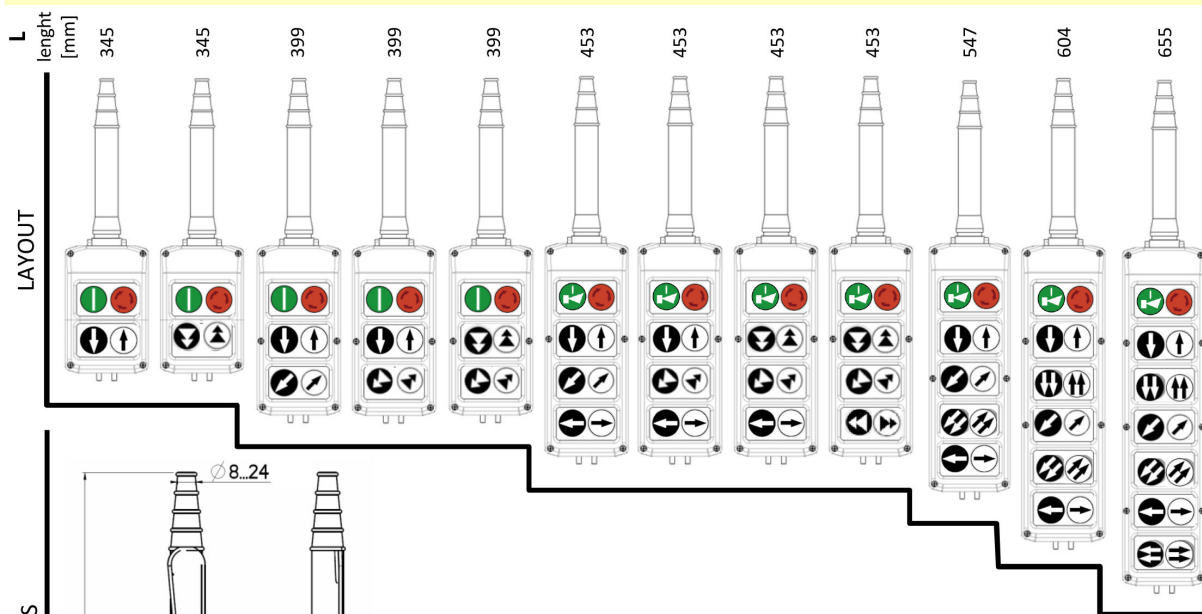


Characteristics:

- ☐ Bi-directional, mechanically interlocked
- ☐ IP 65 double insulation IEC/EN60529 ☐
- ☐ Laser engraved symbols comply with EN60204-1, FEM 9.941
- ☐ Shock proof and heat resistant



CODE	PLBN04	PLBN04D2	PLBN06	PLBN06D2	PLBN06D4	PLBN08	PLBN08D2	PLBN08D4	PLBN08D6	PLBN10	PLBN12	PLBN14
weight [gr.]	530	555	700	730	755	860	895	920	945	1.080	1.245	1.445
N° push button	4	4	6	6	6	8	8	8	8	10	12	14



PUSH BUTTON TYPE – CONTACT TYPE COUPLED									

(*) two speed contact block

General characteristics		P02 – P03 – HP03 – PLN – PLBN – TLP										DC30	
In conformity to standards		IEC / EN60947-5-1										IEC / EN60947-3	
Material		P02	P03	HP03	PL	PLB	TLP						ABS
		PP	ABS	ABS	ABS	ABS	PP						
Material group		II										II	
Pollution class		3										3	
Climate temperature	operating	-25°C + 70°C										-25°C + 70°C	
	storage	-30°C + 70°C										-30°C + 70°C	
Climate resistance	IEC68 part 2-3	hot damp										hot damp	
	IEC68 part 2-30	unsettled hot damp										unsettled hot damp	
Cable entry		▪ P02 – P03: rubber cable sleeve Ø7...18mm ▪ PL – PLB: rubber cable sleeve Ø9...24mm ▪ HP03: spiral cable gland M20 – TLP: cable gland M20										cable gland M25	
Electrical characteristics contact blocks		P02 – P03 – HP03 – PLN – PLBN – TLP										DC30	
Markings		   										 	
Rated insulation voltage [Ui]		690V										500V	
Rated thermal current [Ith]		16A										25A	
Rated impulse withstand voltage [Uimp]		4kV										4kV	
Frequency		50Hz – 50/60 Hz type PCW (HP03-TLP)										50Hz	
Rated operating current [Ie]													
AC-15 alternate current		(V)	24	60	110	240	400	440	500	690			
	type: PL004.. P02/P03/DC30 e-stop/PLN/PLBN	(A)	16	12	8	6	4	3.5	3	1	-		
	type: PCW.. HP03-TLP	(A)	10	8	6	5	4	4	4	2	-		
DC-13 direct current		(V)	24	48	60	110	220	250					
	type: PL004.. P02/P03/DC30 e-stop/PL/PLBN	(A)	2	1.2	0.85	0.4	0.25	-				-	
	type: PCW.. HP03-TLP	(A)	2	2	1	0.4	-	0.4				-	
AC-3 alternate current	1phase-2poles 230V-400V	-										2.2kW	
	3phase-3poles 230V-400V	-										3kW	
Conditional short circuit withstand current		1000A										1000A	
Fuse rating		gG 10A - 500V										aM 12A - 500V	
Contact insulation resistance		≤ 25mΩ										-	
Switching mechanism	type: PL004.. P02/P03/DC30 e-stop/PLN/PLBN	slow break double gap contacts single pad										slow break double gap contacts single pad	
	type: PCW.. HP03-TLP	slow break double gap contacts three pads											
Positive operation		NC contact block 										-	
Terminal type	type: PL004.. P02/P03/DC30 e-stop/PLN/PLBN	M3.5 screw										M3.5 screw	
	type: PCW.. HP03-TLP	spring cage terminal											
Terminal capacity	type: PL004.. P02/P03/DC30 e-stop/PLN/PLBN	No. 1 or 2 flexible and solid conductor min 1 max 2.5 mm²										No. 1 or 2 flexible and solid conductor min 1 max 2.5 mm²	
	type: PCW.. HP03-TLP	No. 1 or 2 flexible and solid conductor min 0.5 max 2.5 mm²											
UL508 characteristics													
General use	600V ac	16A										-	
Designation code (HD) Heavy Duty		A600-Q600										-	

PL004 line


P02


P03


DC30
(e-stop only)


PLN


PLBN

NC



PL004001



Clamping screw M3.5 terminal with mobile "bent tile" plate that works with cables of different section

N0

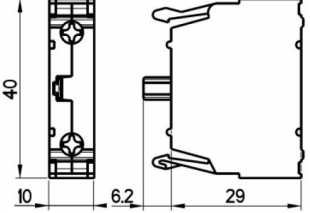


PL004002

Simply Contact Point



Dimensions



Markings

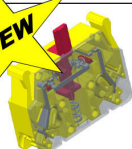


PCW line


HP03


TLP

NEW



Safety contact block

Code: PCW01FT

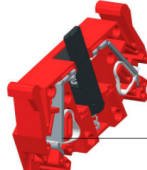
An important step in accident prevention!



NC



PCW01



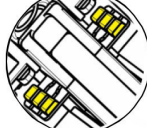
Spring cage terminal with two separated plates that works with cables with different section

N0

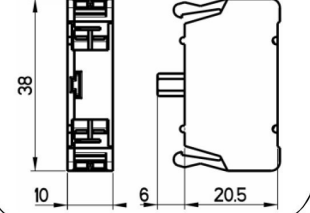


PCW10

Three Contact Point
safe & durable energy transmission



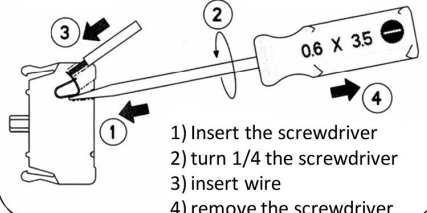
Dimensions



Markings



Spring cage terminal:



- 1) Insert the screwdriver
- 2) turn 1/4 the screwdriver
- 3) insert wire
- 4) remove the screwdriver