Machine Translated by Google





Specifications

Type		FP						
Standard		IEC/EN 60947-5						
Category of use		AC, DC						
Nominal voltage Un, V		400	230	110	48,220	110	48	24
Nominal current In, A		2.5	4	6	8 0.3 24, 110,	0.6	1.3	2.5
Supply voltage of the illumination module AC/DC, V		230						
Nominal insulation voltage Ui, V		660						
Wear resistance, number of cycles		1,000,000/100,000 mechanical/electrical						
Degree of protection	from the installation side	IP20						
	from the control side	IP40 (IP67*)						
Setting diameter, mm		22						
Clamping moment of bolts of contact groups, Nm		0.8						
Nominal frequency f, Hz		50/60						

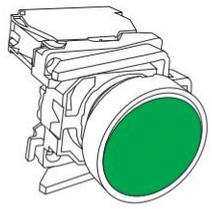
* IP67 - when using a silicone cap

FP

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The FP4 button switch is hidden

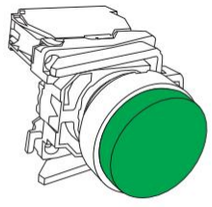
without fixation



Color	Code order	Contact group	Packaging, pcs
green	FP4-BA31	1 NO	1/20
yellow	FP4-BA51	1 NO	1/20
blue	FP4-BA61	1 NO	1/20
black	FP4-BA21	1 NO	1/20
white	FP4-BA11	1 NO	1/20
red	FP4-BA42	1NC	1/20

Button switch FP4 protruding

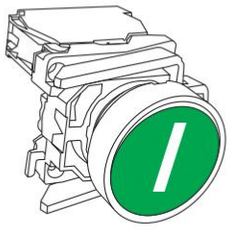
without fixation



green	FP4-BL31	1 NO	1/20
yellow	FP4-BL51	1 NO	1/20
blue	FP4-BL61	1 NO	1/20
black	FP4-BL21	1 NO	1/20
white	FP4-BL11	1 NO	1/20
red	FP4-BL42	1NC	1/20

Button switch FP4 with marking

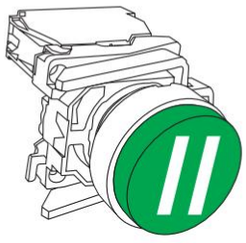
secret
without fixation



red button with marking O	FP4-BA4322	1NC	1/20
red button marked **STOP**	FP4-BA4322	1NC	1/20
green button marked **I**	FP4-BA4342	1NC	1/20
green button with marking **II**	FP4-BA3311	1 NO	1/20
white button marked with a black arrow ⬆	FP4-BA3361	1 NO	1/20
black button with marking white arrow ⇧	FP4-BA3341	1 NO	1/20
green button marked **START**	FP4-BA3351	1 NO	1/20
	FP4-BA4331	1 NO	1/20

Button switch FP4 with marking

performing
without fixation



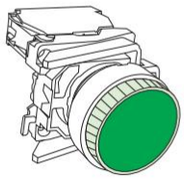
red button with marking O	FP4-BL4322	1NC	1/20
red button marked **STOP**	FP4-BL4342	1NC	1/20
green button marked **I**	FP4-BL3311	1 NO	1/20
green button with marking **II**	FP4-BL3361	1 NO	1/20
white button marked with a black arrow ⬆	FP4-BL3341	1 NO	1/20
black button with marking white arrow ⇧	FP4-BL3351	1 NO	1/20
green button marked **START**			

FP

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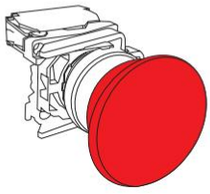
Metal push-button switches FP

Push-button switch FP4 protruding without fixation with LED indication



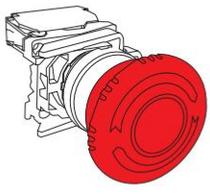
Color	Code order	Contact group	Packaging, pcs
green	FP4-BW3361230	1 NO	1/20
yellow	FP4-BW3561230	1 NO	1/20
blue	FP4-BW3661230	1 NO	1/20
black	FP4-BW3161230	1 NO	1/20
white	FP4-BW3461230	1NC	1/20
red			

Button switch FP4 "mushroom" without fixation



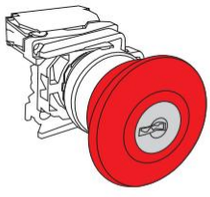
Color	Code order	Contact group	Packaging, pcs
green	FP4-BC31	1 NO	1/20
black	FP4-BC21	1 NO	1/20
red	FP4-BC42	1NC	1/20

Push-button switch FP4 "mushroom" with return fixation by turning



Color	Code order	Contact group	Packaging, pcs
red	FP4-BS542	1NC	1/20

Push-button switch FP4 "mushroom" with a key with a return lock by turning

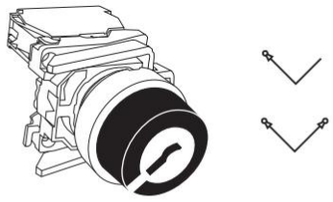


Color	Code order	Contact group	Packaging, pcs
red	FP4-BS142	1NC	1/20

FP

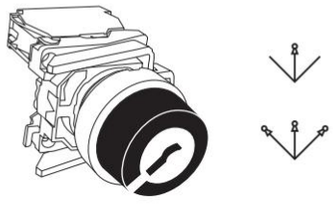
Machine Translated by Google

Push-button switch FP4 key-tag 2-position



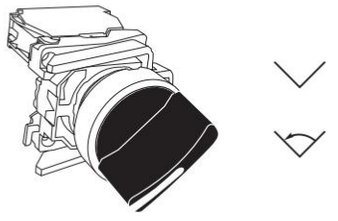
Color	Code order	Contact group	Packaging, pcs
black	FP4-BG21	1 NO	1/20
	FP4-BG41	1 NO	1/20

Button switch FP4 key-tag 3-position



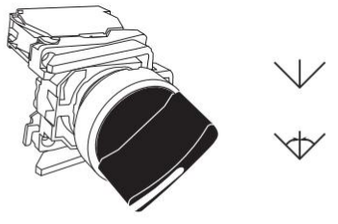
Color	Code order	Contact group	Packaging, pcs
black	FP4-BG33	2 NO	1/20
	FP4-BG03	2 NO	1/20

Push-button switch FP4 2-position



Color	Code order	Contact group	Packaging, pcs
black	FP4-BD21	1 NO	1/20
	FP4-BD41	1 NO	1/20

Push-button switch FP4 3-position



Color	Code order	Contact group	Packaging, pcs
black	FP4-BD33	2 NO	1/20
	FP4-BD53	2 NO	1/20

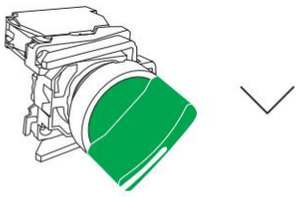
FP

Legend:

- with fixation
- with self-return
- removing the key in the position

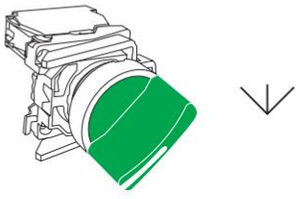
Machine Translated by Google

Push-button switch FP4 2-position
with LED
indication



Color	Code order	Contact group	Packaging, pcs
green	FP4-BK2365230	1 NO	1/20
yellow	FP4-BK2565230	1 NO	1/20
blue	FP4-BK2665230	1 NO	1/20
white	FP4-BK2165230	1 NO	1/20
red	FP4-BK2465230	1 NO	1/20

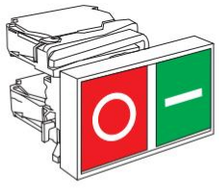
Push-button switch FP4 3-position
with LED
indication



green	FP4-BK3365230	2 NO	1/20
yellow	FP4-BK3565230	2 NO	1/20
blue	FP4-BK3665230	2 NO	1/20
white	FP4-BK3165230	2 NO	1/20
red	FP4-BK3465230	2 NO	1/20

Button switch FP4 Button switch FP4 LED

Start-Stop



green-red

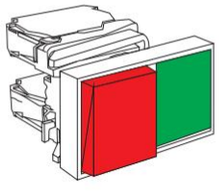
green-red

LEDs

FP4-BL8325	1NO 1NC	1/20
FP4-BW8325230	1NO 1NC	1/20

Button switch FP4 Button switch FP4 LED

Start-Stop



green-red

green-red

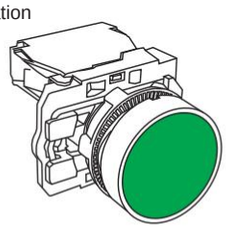
LEDs

FP4-BL8425	1NO 1NC	1/20
FP4-BW8425230	1NO 1NC	1/20

FP

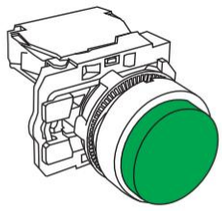
Machine Translated by Google

Button switch FP5
secret
without fixation



Color	Code order	Contact group	Packaging, pcs
green	FP5-AA31	1 NO	1/20
yellow	FP5-AA51	1 NO	1/20
blue	FP5-AA61	1 NO	1/20
black	FP5-AA21	1 NO	1/20
white	FP5-AA11	1 NO	1/20
red	FP5-AA42	1NC	1/20

Button switch FP5
performing
without fixation



green	FP5-AL31	1 NO	1/20
yellow	FP5-AL51	1 NO	1/20
blue	FP5-AL61	1 NO	1/20
black	FP5-AL21	1 NO	1/20
white	FP5-AL11	1 NO	1/20
red	FP5-AL42	1NC	1/20

Button switch FP5 with marking
secret
without fixation



red button with marking O	FP5-AA4322	1NC	1/20
	FP5-AA4342	1NC	1/20
red button marked **STOP**	FP5-AA3311	1 NO	1/20
	FP5-AA3361	1 NO	1/20
green button marked **I**	FP5-AA3341	1 NO	1/20
	FP5-AA3351	1 NO	1/20
green button with marking **II**	FP5-AA4331	1 NO	1/20
white button marked with a black arrow ⬆			
black button with marking white arrow ⇧			
green button marked **START**			

Button switch FP5 with marking
performing
without fixation



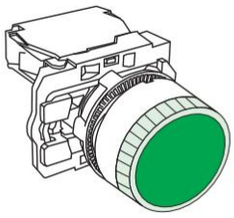
red button with marking O	FP5-AL4322	1NC	1/20
	FP5-AL4342	1NC	1/20
red button marked **STOP**	FP5-AL3311	1 NO	1/20
	FP5-AL3361	1 NO	1/20
green button marked **I**	FP5-AL3341	1 NO	1/20
	FP5-AL3351	1 NO	1/20
green button with marking **II**			
white button marked with a black arrow ⬆			
black button with marking white arrow ⇧			
green button marked **START**			

FP

Machine Translated by Google

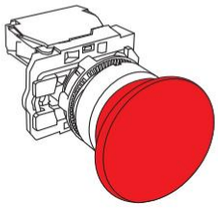
Plastic push button switches FP

Push-button switch FP5 protruding without fixation with LED indication



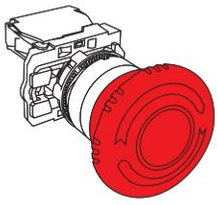
Color	Code order	Contact group	Packaging, pcs
green	FP5-AW3361230	1 NO	1/20
yellow	FP5-AW3561230	1 NO	1/20
blue	FP5-AW3661230	1 NO	1/20
white	FP5-AW3161230	1 NO	1/20
red	FP5-AW3461230	1 NO	1/20

Button switch FP5 "mushroom" without fixation



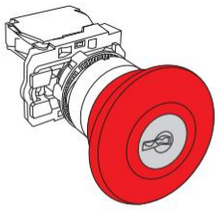
green	FP5-AC31	1 NO	1/20
black	FP5-AC21	1 NO	1/20
red	FP5-AC42	1NC	1/20

Push-button switch FP5 "mushroom" with return fixation by turning



red	FP5-AS542	1NC	1/20

Push-button switch FP5 "mushroom" with a key with a return lock by turning

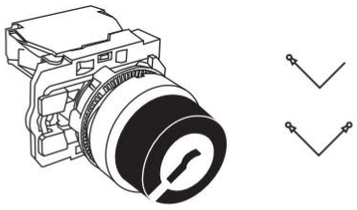


red	FP5-AS142	1NC	1/20

FP

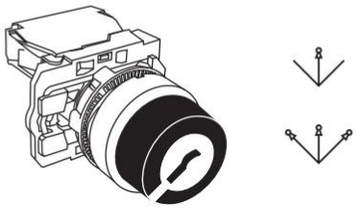
Machine Translated by Google

	Color	Code order	Contact group	Packaging, pcs
Push-button switch FP5 key-tag 2-position				
	black	FP5-AG21	1 NO	1/20
		FP5-AG41	1 NO	1/20



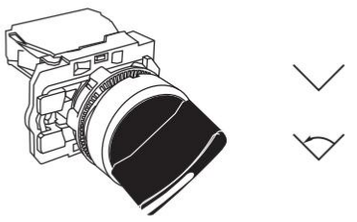
Button switch FP5 key-tag 3-position

	black	FP5-AG33	2 NO	1/20
		FP5-AG03	2 NO	1/20



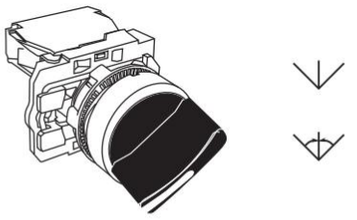
Push-button switch FP5 2-position

	black	FP5-AD21	1 NO	1/20
		FP5-AD41	1 NO	1/20



Push-button switch FP5 3-position

	black	FP5-AD33	2 NO	1/20
		FP5-AD53	2 NO	1/20



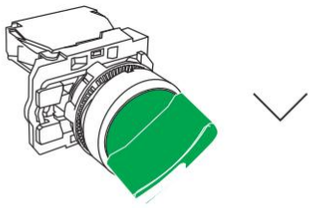
FP

Legend:

- with fixation
- with self-return
- removing the key in the position

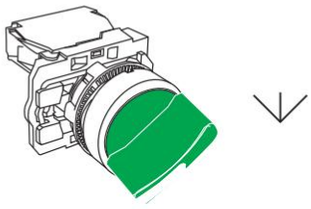
Machine Translated by Google

Push-button switch FP5 2-position
with LED
indication



Color	Code order	Contact group	Packaging, pcs
green	FP5-AK2365230	1 NO	1/20
yellow	FP5-AK2565230	1 NO	1/20
blue	FP5-AK2665230	1 NO	1/20
white	FP5-AK2165230	1 NO	1/20
red	FP5-AK2465230	1 NO	1/20

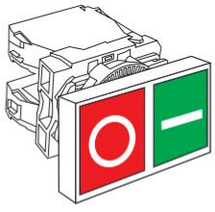
Push-button switch FP5 3-position
with LED
indication



green	FP5-AK3365230	2 NO	1/20
yellow	FP5-AK3565230	2 NO	1/20
blue	FP5-AK3665230	2 NO	1/20
white	FP5-AK3165230	2 NO	1/20
red	FP5-AK3465230	2 NO	1/20

Button switch FP5 Button switch FP5 LED

Start-Stop



green-red

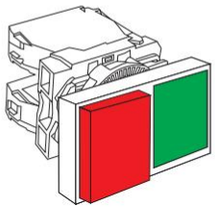
green-red

LEDs

FP5-AL8325	1NO 1NC	1/20
FP5-AW8325230	1NO 1NC	1/20

Button switch FP5 Button switch FP5 LED

Start-Stop



green-red

green-red

LEDs

FP5-AL8425	1NO 1NC	1/20
FP5-AW8425230	1NO 1NC	1/20

FP

Machine Translated by Google

Accessories for FP push-button switches

	Code order	Complete name
	FPNO	Contact normally open FP NO
	FPNC	Contact normally closed FP NC
	FPES	Information tag "emergency stop" FP ES
	FPB	FP B information tag
	FPSD	Push Button Switches Cylindrical Silicone Cap FP SD for FP PCP, FP PCPB, FP PCPI
	FPSDSS	Silicone cap FP SDSS for rectangular push-button switches FP Prec LG, FP PrecB LG

LED module for FP pushbutton switches



Color	Code order	Name	Voltage, V
green	FPMG024	FPM LED module	24
	FPMG110	FPM LED module	110
	FPMG230	FPM LED module	230
red	FPMR024	FPM LED module	24
	FPMR110	FPM LED module	110
	FPMR230	FPM LED module	230
yellow	FPMY024	FPM LED module	24
	FPMY110	FPM LED module	110
	FPMY230	FPM LED module	230
blue	FPMBL024	FPM LED module	24
	FPMBL110	FPM LED module	110
	FPMBL230	FPM LED module	230
white	FPMW24	FPM LED module	24
	FPMW110	FPM LED module	110
	FPMW230	FPM LED module	230