



LIMIT SWITCH CROSS WISE – BAR – LEVER AND WHEEL

TECHNICAL SPECIFICATIONS

Conforming to standards: CEI EN 60947-1, CEI EN 60947-5-1, CEI EN 60529, CEI EN 60204-1

Certifications: CE

All metal shell: zamak

Ambient temperature: Storing $-40^{\circ}\text{C} +70^{\circ}\text{C}$

Ambient temperature: Working $-20^{\circ}\text{C} +70^{\circ}\text{C}$

Protection level: IP 65 according to CEI EN 60529

Insulation class: Class I according to IEC 536

Cable input: n° 3 threaded holes PG 13,5

Connection speed: up to 3 m/s

Maximum over shot

TECHNICAL SPECIFICATIONS OF THE CONTACT ELEMENTS

Certifications: CE, CSA, UL, IMQ, UTE, VDE, ASE.

Nominal thermic current: 10A according to CEI EN 60947-5-1

Nominal insulating voltage: 300V~ (CEI EN 60947-5-1)

Mechanical duration: 10.000.000 maneuver (10^7 cycles)

Maneuver frequency: 50÷60 man. each minute (up to 1 Hz)

Identification of terminals: According to CENELEC EN 50013

Protection against short circuits: cartridge fuse 10A according to CEI EN 60947-5-1

Connecting capacity (max. wire section): $1 \times 2,5\text{mm}^2$ or $2 \times 1,5\text{mm}^2$

Fast kick silver contacts

Maximum working voltage 500V~

Nominal magnitude of current: 16A at 250V~

Fast kick silver contacts


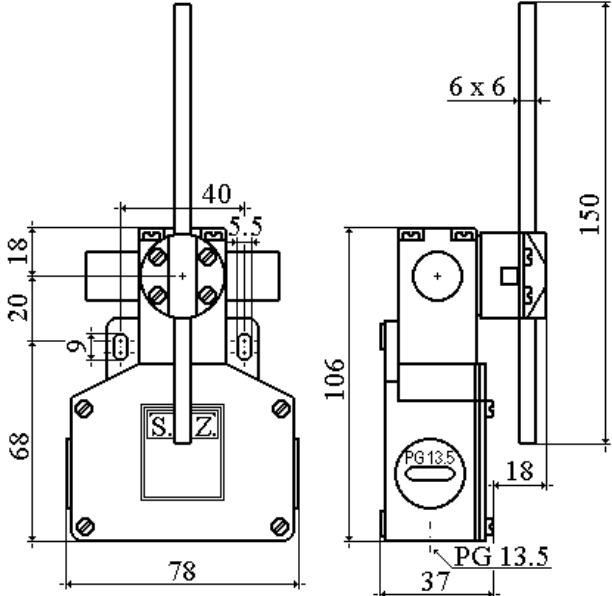

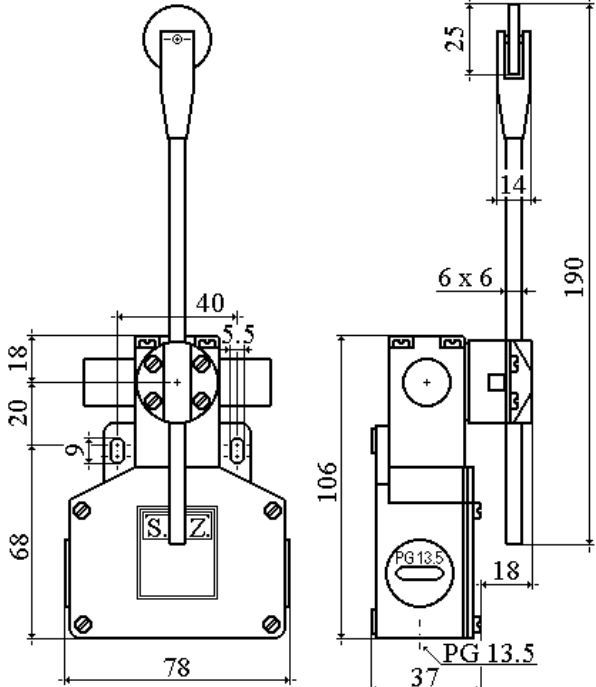

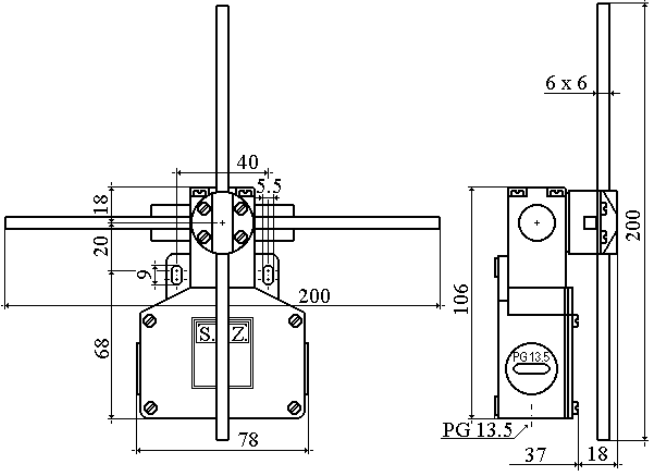

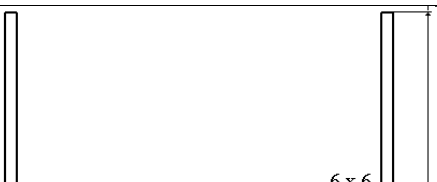
FASTON or screw type (standard) connections

LIMIT SWITCH OPERATION ANGLES

	<p>“Bar” limit switch “Lever and wheel” limit switch</p>	0	Reset position	
		A	Microswitch working angle	22°
		1	Maximum left handed operation	65°
		2	Maximum right handed operation	65°
	<p>“Bar T” limit switch “Cross wise” limit switch</p>	0	Reset position	
		A	Microswitch working angle	65°
		1	Maximum left handed operation	90°
		2	Maximum right handed operation	90°

The end of round of the “T bar” and of the “cross bar” limit switches have no limit stop (i.e. they can rotate around 360°).

All limit switches can be equipped with 2 or 4 microswitches (1NO+1NC).

N° of microswitches triggered on the right		N° of microswitches triggered on the left		N° of microswitches fitted on the limit switch		Cat. n°
						
		1	1	251		
		2	-	252		
		2	-	253		
		2	2	254		
		4	-	255		
		4	-	256		
						
		1	1	261		
		2	-	262		
		2	-	263		
		2	2	264		
		4	-	265		
		4	-	266		
						
		1	1	271		
		2	-	272		
		2	-	273		
		2	2	274		
		4	-	275		
		4	-	276		
						
		1	1	281		
		2	-	282		

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WORM SCREW LIMIT SWITCH

TECHNICAL SPECIFICATIONS

Conforming to standards: CEI EN 60947-1, CEI EN 60947-3, CEI EN 60947-5-1, CEI EN 60529, CEI EN 60204-1

Certifications: CE

Ambient temperature: storing -40°C $+70^{\circ}\text{C}$

Ambient temperature: working -20°C $+70^{\circ}\text{C}$

Protection level: IP 65 according to CEI EN 60529

Insulation class: class I according to IEC 536

Steel shaft \varnothing 12 mounted on ball bearing.

Brass main gear.

Independent micrometer adjustment cams.

Standard centre to centre fixing distance.

Suitable for potentiometer mounting.

TECHNICAL SPECIFICATIONS OF THE CONTACT ELEMENTS

Slow switch certifications: CE

Micro switch certifications: CE, UL recognized component to U.S. and Canadian safety requirements.

Nominal thermic current: 10A according to CEI EN 60947-5-1

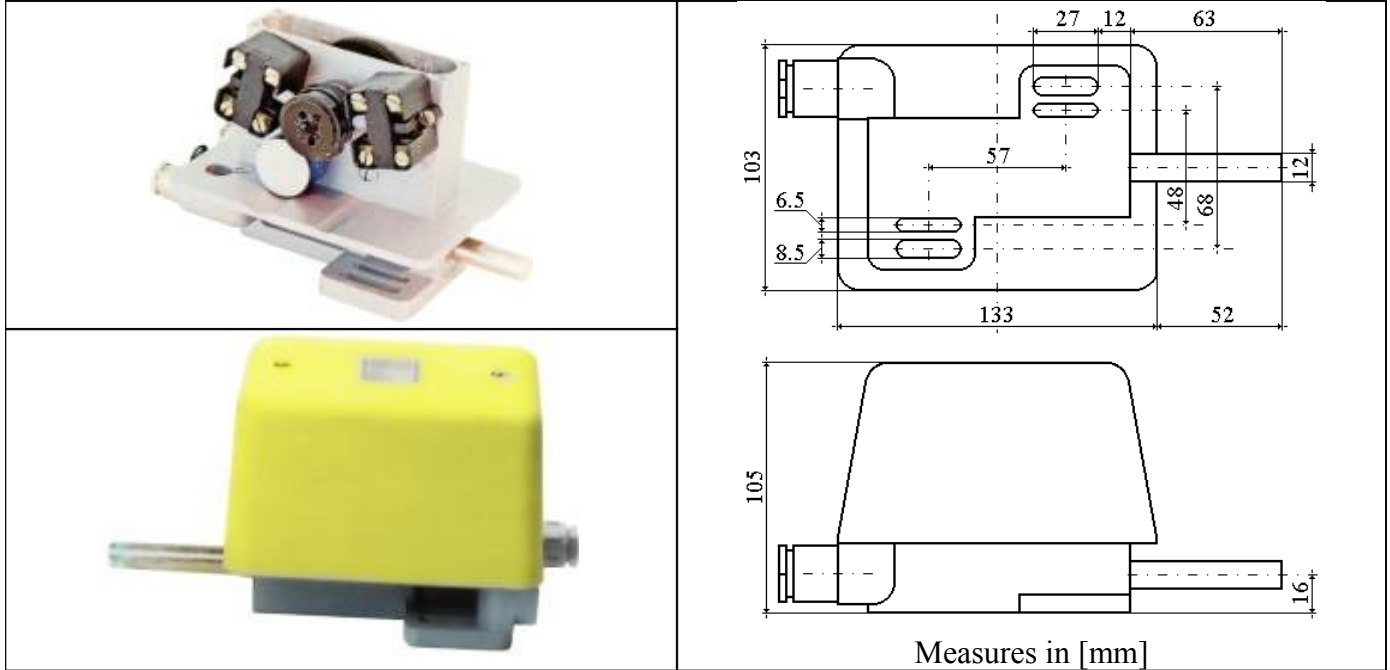
Nominal insulating voltage: 300V~ (CEI EN 60947-5-1)

Identification of terminals: according to CENELEC EN 50013

Protection against short circuits: cartridge fuse 10A according to CEI EN 60947-5-1

Connections: FASTON 6,35 mm

Connecting capacity (max. wire section): 2x1,5mm² or 1x2,5mm²



Turns regulation	2 microswitches	3 microswitches	4 microswitches	2 slow switches	3 slow switches	4 slow switches
	N° cat.	N° cat.	N° cat.	N° cat.	N° cat.	N° cat.
1:15	712	713	714	715	716	717
1:50	722	723	724	725	726	727
1:100	732	733	734	735	736	737
1:150	742	743	744	745	746	747
1:200	752	753	754	755	756	757
1:250	762	763	764	765	766	767
1:450	772	773	774	775	776	777

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