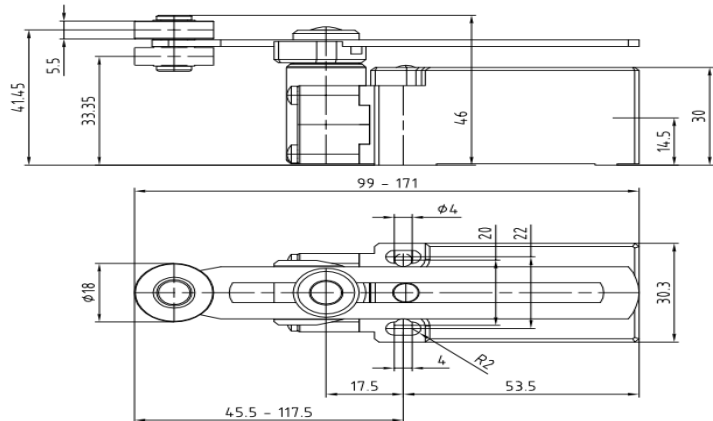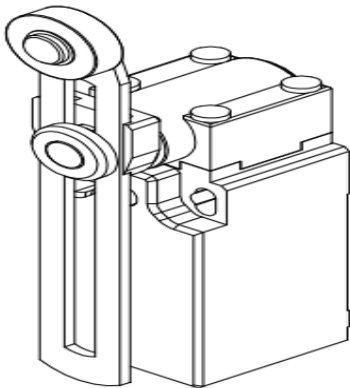# Datasheet
Limit Switch
RS Stock number 902-6865

Description:

Double insulation, Plastic casing IP65, 30mm width
1 cable inlet for M20x1.5 cable gland
Adjustable lever with Ø18mm nylon roller
Z11: Snap action contacts (1NO+1NC)

Specification:

Standards			Devices conform with international IEC 947-5-1 and European EN 60 947-5-1 standards
Certifications - Approvals			UL - CSA - IMQ
Air temperature near the device			
– during operation		°C	– 25 ... + 70
– for storage		°C	– 30 ... + 80
Protection against electrical shocks (according to IEC 536)			Class II
Degree of protection (according to IEC 529 and EN 60 529)			IP 65
Rated insulation voltage U_i			
- according to IEC 947-1 and EN 60-947-1			500 V (degree of pollution 3) (400 V for contacts type X12P, X21P, W03P)
- according to UL 508 and CSA C22-2 n° 14			A 600, Q 600 (A 300, Q 300 for contacts type X12P, X21P, W03P)
Rated impulse withstand voltage U_{imp} (according IEC 947-1 and EN 60 947-1)		kV	6
Conventional free air thermal current I_{th} (according to IEC 947-5-1 and EN 60 947-5-1) θ < 40 °C		A	10
Short-circuit protection U_e < 500 V a.c. - gG (gl) type fuses		A	10
Rated operational current			
I_e / AC-15 (according to IEC 947-5-1)	24 V - 50/60 Hz	A	10
	120 V - 50/60 Hz	A	6
	230 V - 50/60 Hz	A	3.1
	240 V - 50/60 Hz	A	3
	400 V - 50/60 Hz	A	1.8
I_e / DC-13 (according to IEC 947-5-1)	24 V - d.c.	A	2.8
	125 V - d.c.	A	0.55
	250 V - d.c.	A	0.27
Switching frequency		Cycles/h	3600
Load factor			0.5
Resistance between contacts		mΩ	< 25
Connecting terminals			M3.5 (+, –) pozidriv 2 screw with cable clamp (M3 for 3 poles contacts type)
Terminal for protective conductor			–
Connecting capacity		1 or 2 x mm²	0.75 ... 2.5 (0.34... 1.5 for 3 poles contacts type)
Terminal marking			According to EN 50 013
Mechanical durability		Millions of operations	15 } 10...12; 21; 30...34; 38
			10 } AP•T { 13; 41...48; 51...55; 61...75
			>5 } 14; 35; 36; 39; 91...93; 98

For the complete list of approved products contact our technical department.   ☐ IMQ listed values