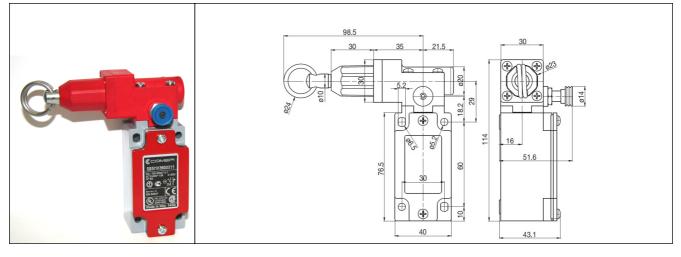


07/07/2016

Code	Description	
SBM5K9500X12	Limit switch	
Casing	Safety limit switch - Aluminium casing IP66 - 40mm width - 1 cable inlet	
Electical connection	Cable inlet(s) for M20x1,5 cable gland	
Operation head	Left lateral pull wire with reset for emergency stop	
Contacts	Contacts X12: Non overlapping slow action contacts 1NO+2NC	



Travel and Operation Diagram

X12: Non overlapping slow action contacts 1NO+2NC	7 R2.1 0 R2.1 5.1 7 mm 21-22 31-32 13-14	Positive Opening Operation accorting to IEC 947-5-1
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General Technical Data

			Metal Casing	
Standards			Devices conform with international IEC 947-5-1 and European EN 60 947-5-1 standards	
Air temperature near the device				
- during operation °C		- 25 + 70		
- for storage		°C	- 30 + 80	
Protection against electrical shocks (according to IEC 536)			Class I	
Degree of protection (according to IEC 529 and EN 60 529)			IP 66**	
Rated insulation voltage Ui				
 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 Uimp		kV	6	
(according IEC 947-1 and EN 60 947-1)		NV.	0	
Conventional free air thermal current Ith		А	10	
(according to IEC 947-5-1 and EN 60 947-5-	1) θ < 40 °C	^	10	
Short-circuit protection		А	10	
Ue < 500 V a.c gG (gl) type fuses		^	10	
Rated operational current				
Ie / 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	
Ie / 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	Cyc	cles/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			M3.5 (+, -) pozidriv 2 screw with cable clamp	
Connecting capacity 1 or 2 x mm ²			0.75 2.5 (0.34 1.5 for 3 poles contacts type)	
Terminal marking			According to EN 50 013	
Mechanical durability	Mi	illions	30 1113; 2123; 3133	
		of	25 BM•E/P { 4144; 5154; 6175	
	opera	ations	10 [9193; 99	

** BM+E54 - P92 - E92 - P93 - E93: PROTECTION DEGREE IP65. - For the complete list of approved products contact our technical department.

Comepi Srl

23899 Robbiate (Lecco) Italy – Via Novarino 9/L Tel. +39 039 9903468 Fax +39 039 9906203 www.comepi.it comepi@comepi.it Comepi @comepi.it Comepi in not responsable for improper use of their electrical devices: in case you have any doubt or perplexity please contact our Technical Service.