

Small

Electromechanical level regulator

The Small level regulator is a float switch which allows electrical equipment to start and stop automatically (usually pumps, but also electric control valves, alarms, etc.) when a prefixed level has been reached.

The most essential characteristics of this device are that it is small, highly reliable, and with a high switching potential since it is equipped with micro-switches that have high commuting features 21(8)A 250V~ or 10(6)A 400V~ /20(8)A 250V~.

In the first case, you will find that the external marking is 10(8) A 250V~ whereas in the second case, 10(6)A 400V~ / 10(8)A 250V~.

Model 53 with a 3X1 output cable can be used for the emptying or filling function according to the cables that have been connected. For the other models, at the moment of making the order, it is necessary to specify which function is required. The minimum working distance between the Small level regulator and the fixing point is 20 cm. whereas the maximum working distance is 50 cm.



Type	53	2C+T	S06-10-400	53/110
Output cable	PVC3X1	H07RN-F 3G1	H07RN-F 3G1	SJTW 3X16AWG (Special Cable)
Cable diameter	9 ± 0,3 mm	9 ± 0,3 mm	9 ± 0,3 mm	9 mm nominal value
Code	SPM0006sb0	SEM0006ob0	REM0006tb0	SCM0006ga0
Output cable	A07RN-F 3X1			
Cable diameter	9 ± 0,3 mm			
Code	SGM0006sb0			
Features				
Microswitch	21(8)A 250V ~	21(8)A 250V ~	10(6)A 400V~ 20(8)A 250V~	21(8)A 250V ~
Electrical features				
Approval certificates	CE	ENEC/CE	ENEC/CE	UL/CSA
External marking	10(8)A 250V~	10(8)A 250V~	10(6)A 400V~ 10(8)A 250V~	2HP 250V- 12 FLA 1HP 125V- 16 FLA
Operating temp.	0° ÷ + 50° C	0° ÷ + 50° C	0° ÷ + 50° C	0° ÷ + 60° C
Storage temperature	-20°C ÷ + 80° C	-20°C ÷ + 80° C	-20°C ÷ + 80° C	-20°C ÷ + 80° C
Pollution Index	IP68	IP68	IP68	IP68
Switch angle	± 45°	± 45°	± 45°	± 45°
Dimensions	mm 82x111x48	mm 82x111x48	mm 82x111x48	mm 82x111x48
Weight	gr. 107	gr. 111	gr. 111	gr. 134
Volume	cm³ 225	cm³ 225	cm³ 225	cm³ 225
Specific weight	0,491	0,491	0,491	0,595
Buoyancy	gr. 114	gr. 114	gr. 114	gr. 91
Max depth level	1BAR	1BAR	1BAR	1BAR
Housing	Non-toxic polypropylene (PP)	Non-toxic polypropylene (PP)	Non-toxic polypropylene (PP)	polypropylene UL/CSA
Colouring	Non-toxic	Non-toxic	Non-toxic	Non-toxic
Function class	II	I	I	I
Wiring (pag. 4)	fig.1-2	fig.3-4	fig.3-4	fig.5-6
note	Also available with H07RN - F 2x1 PVC 2x1 cable. When ordering with 2x1 cable please specify if needed for filling or emptying function.	Also available with H07RN-F 3G1 OIL RESISTANT cable. When ordering please specify if needed for filling or emptying function.	Also available with H07RN-F 3G1 OIL RESISTANT cable. When ordering please specify if needed for filling or emptying function.	Also available with H07RN-F 3G1 OIL RESISTANT cable. When ordering please specify if needed for filling or emptying function.

