
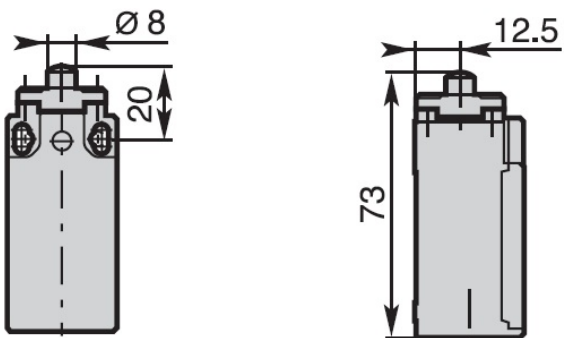
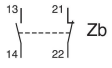



Code	Description
AP1T11Z11	Limit switch
Casing	Limit switch - Double insulation - Plastic casing IP65 - 30mm width - 1 cable inlet
Electical connection	Cable inlet(s) for PG13.5 cable gland
Operation head	Plain metal plunger
Contacts	Z11: Snap action contacts 1NO+1NC

Travel and Operation Diagram

Z11: Snap action contacts 1NO+1NC		Positive Opening Operation according to IEC 947-5-1 
--------------------------------------	---	--

General Technical Data

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		500 V (degree of pollution 3) (400 V for contacts type X12P, X21P, W03P) 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) $\theta < 40$ °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 mm ²	0.75 ... 2.5 (0.34... 1.5 for 3 poles contacts type)	
Terminal marking		According to EN 50 013	
Mechanical durability	Millions	15	10...12; 21; 30...34; 38
	of	10	13; 41...48; 51...55; 61...75
	operations	>5	14; 35; 36; 39; 91...93; 98

For the complete list of approved products contact our technical department.

IMQ listed values

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 S.r.l. reserves the right to modify its products and to change any details in this datasheet at any time without prior notice.

Comepi is not responsible for improper use of their electrical devices: in case you have any doubt or perplexity please contact our Technical Service.