

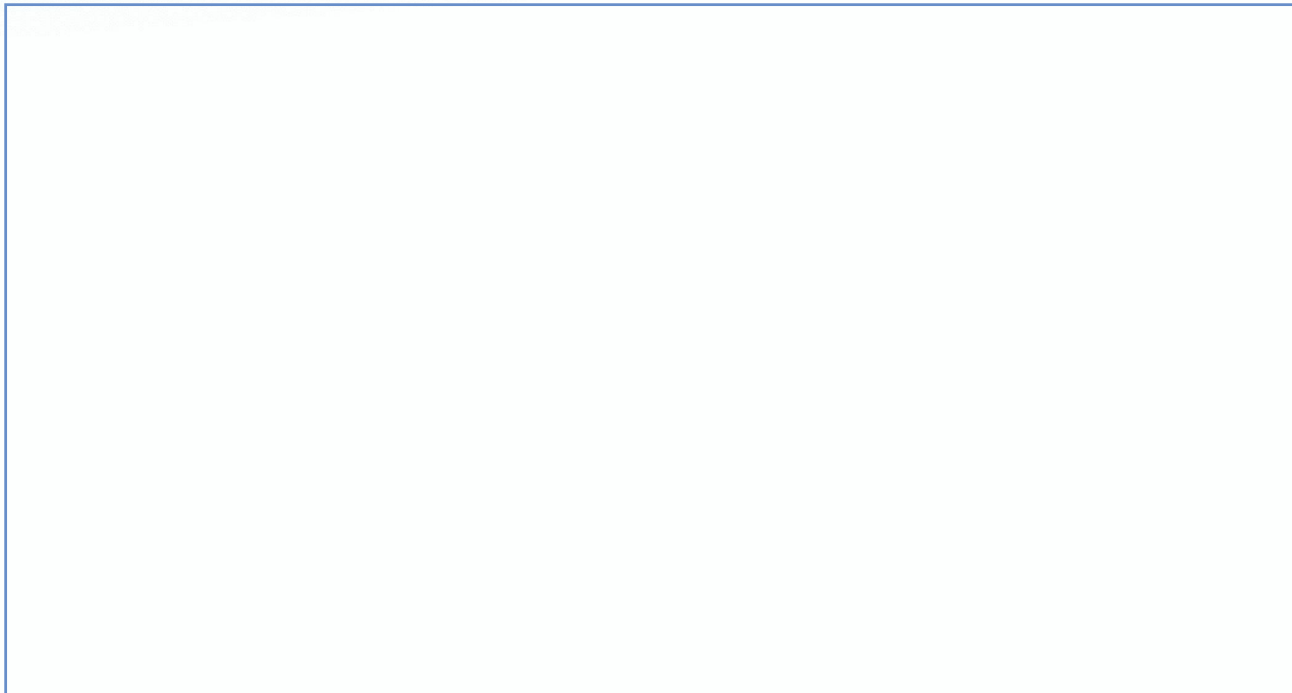
PRODUCT DESCRIPTION:

AP_R31

PRODUCT CODE:

AP5R31Z11

DYNAMIC 3D VIEW:



STATIC 3D VIEW:



Datasheet creation date: 19/08/2025 12:12



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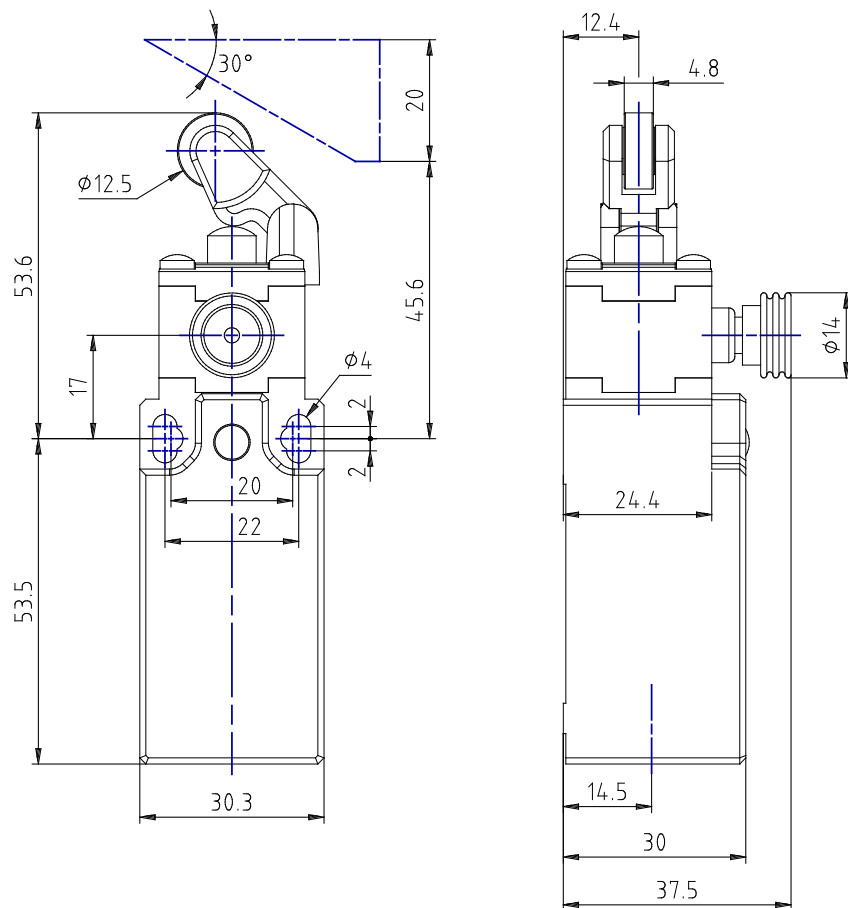


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TECHNICAL VIEW:



Z11	13	21	0	5.2	8.8	14.5 R16.5	21mm
			21-22				→
			13-14				
			21-22				
	14	22	13-14				

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DETAILS:

Part Number	AP5R31Z11
Casing Material	Reinforced thermoplastic
Width [mm]	30
Electrical connections	One cable inlet for M20x1.5 cable gland
IP protection rating	IP65
Actuating Head	Nylon roller plunger with manual reset
Head Material	Thermoplastic head
Microswitch	Snap action contacts (1NO + 1NC)
Approvals	IMQ - cULus - CCC - CSA - EAC
Reference Directives	LVD - 2014/35/EU
Reference Standards	IEC 60947-5-1 / EN 60947-5-1
Interlock type according to EN ISO 14119	/
Encoding level according to EN ISO 14119	/
Operating Temperatures [°C]	-25°C ... +70°C
Stock temperature [°C]	-30°C ... +80°C
Protection against electric shocks (according to IEC 60536) [Class]	Class II - Double insulation
Rated insulation voltage UI [V]	500
Pollution Degree	3
Contact rating secondo UL50	A600 - Q600
Rated Impulsive Voltage Uimp [kV]	6
Conventional thermal current in air free Ith (θ min 40 ° C) [A]	10
Short circuit protection (EU min 500Vac - fuses type gG (gl)) [A]	10
Operating currents Ie - AC-15 (50-60 Hz) According to IEC 60947-5-1	24V - 10A / 120V - 6A / 400V - 4A
Operating currents DC-13 According to IEC 60947-5-1	24V - 6A / 125V - 0.55A / 250V - 0.4A
Switching Frequency [cycles/hour]	3600
Resistance Between Contacts [mΩ]	25
Connecting Terminals	M3.5 screw with cable clamp (+,-) pozidriv 2
Connecting Cables Dimensions [mm²]	0.75 ... 2.5
Protective Conductor Terminal	/
Marking Terminals	According to IEC 60947-5-1

PRODUCT DRAWING RELEASE:

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DETAILS:

Mechanical Durability [Millions of Operations]	1
B10d [Millions of Operations]	2

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