

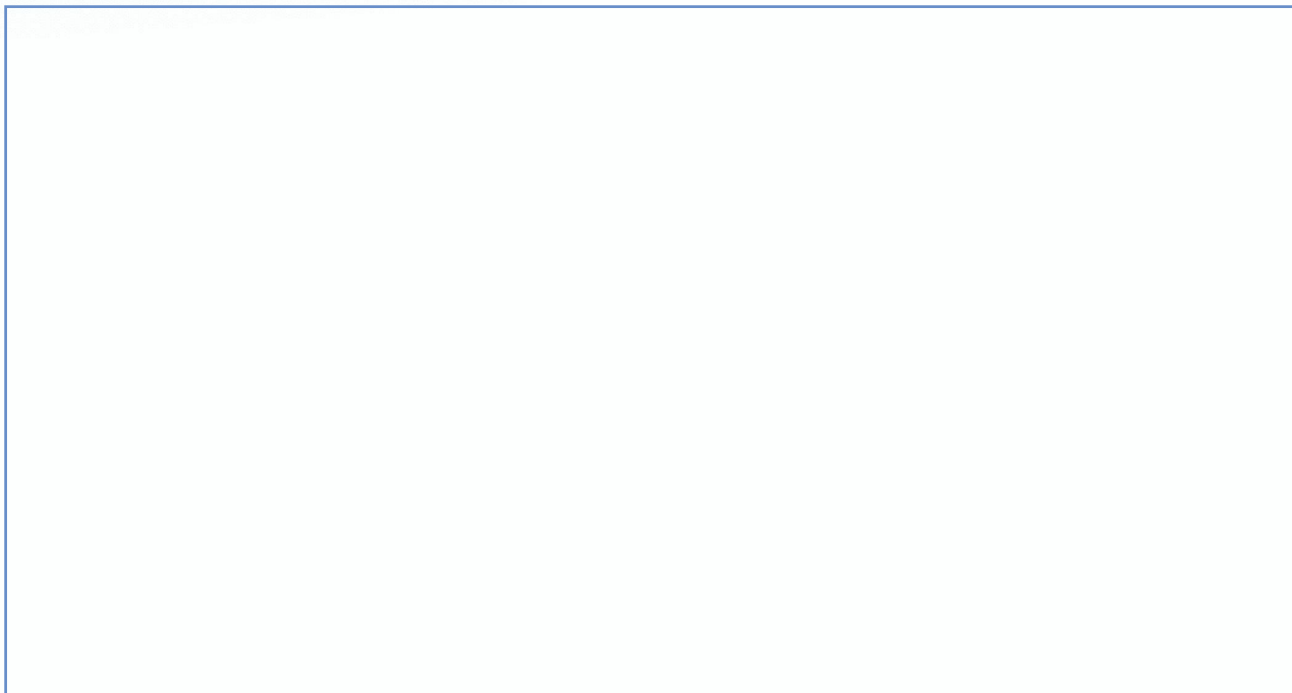
PRODUCT DESCRIPTION:

AP_R31

PRODUCT CODE:

AP5R31W02

DYNAMIC 3D VIEW:



STATIC 3D VIEW:



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



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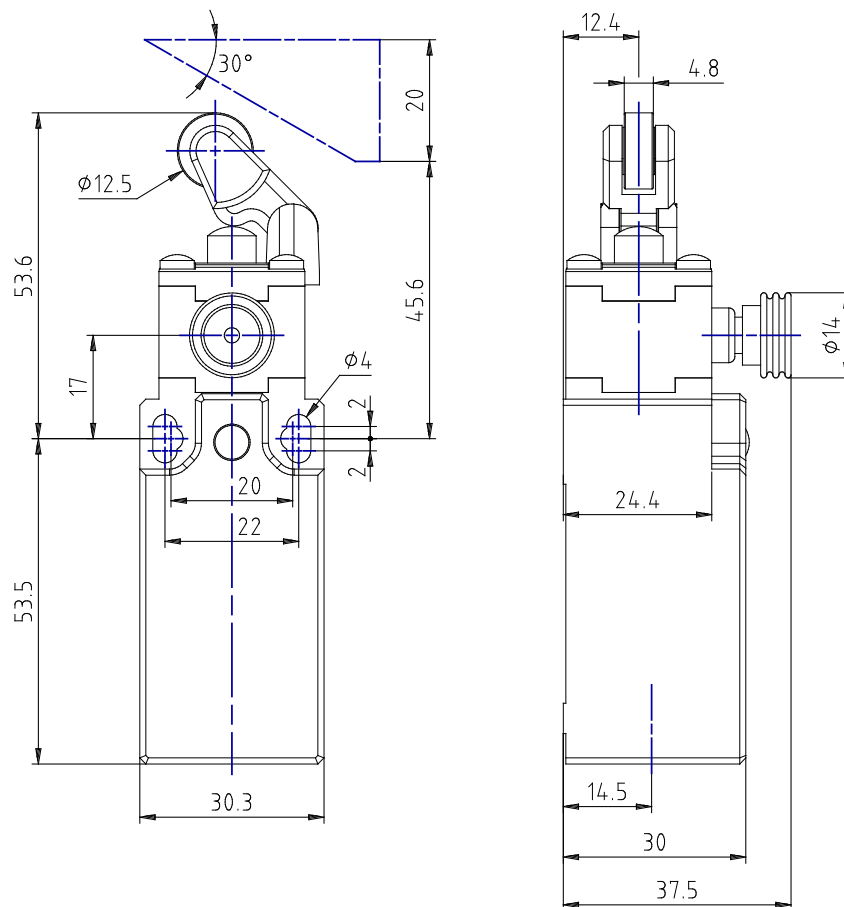


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TECHNICAL VIEW:



W02	11	21	0	6	10.2	R16.5	21mm
	12	22					
			11-12				
			21-22				

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DETAILS:

Part Number	AP5R31W02
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	Slow action contacts (2NC)
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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