

PRODUCT DESCRIPTION:

DM_F5100

PRODUCT CODE:

DM5F5100Z02

DYNAMIC 3D VIEW:



STATIC 3D VIEW:



Datasheet creation date: 14/08/2025 10:32



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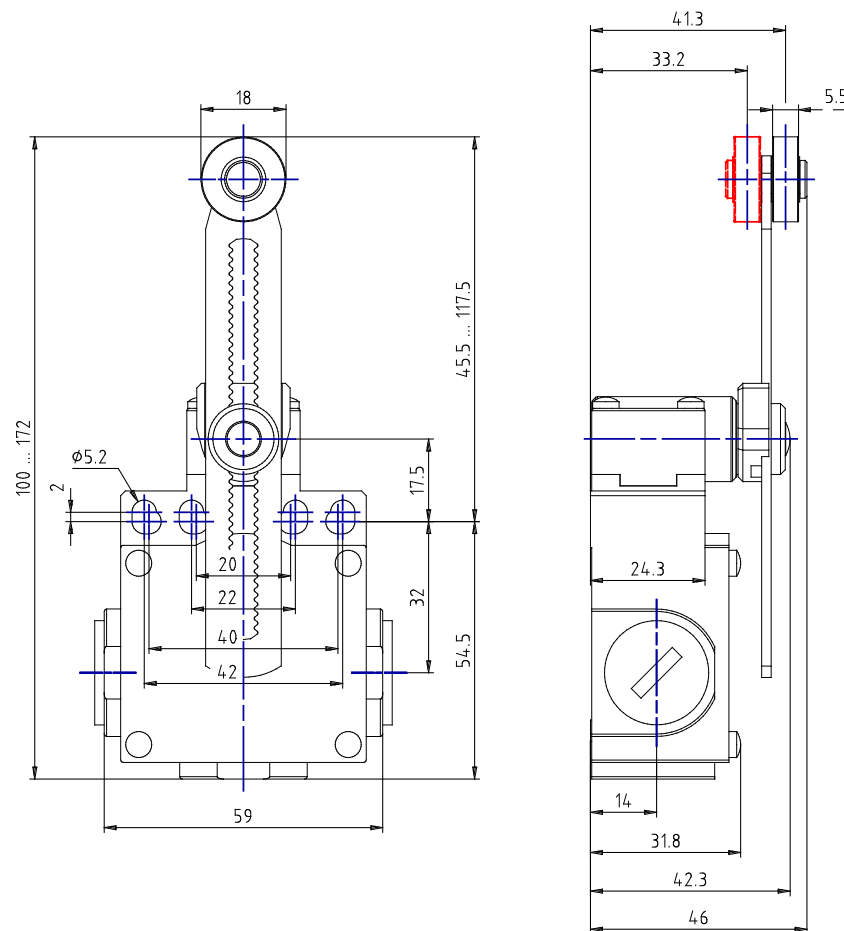


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TECHNICAL VIEW:



Z02		11	21	0	17°	30°	45°	74°
		11-12	21-22					
		12	22					

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DETAILS:

Part Number	DM5F5100Z02
Casing Material	Painted zamak
Width [mm]	50
Electrical connections	Three threaded cable inlets for M20x1.5 cable glands
IP protection rating	IP66
Actuating Head	Adjustable toothed lever (2mm step) with nylon roller (ø 18mm)
Head Material	Metal Head
Microswitch	Snap action contacts (2NC)
Approvals	IMQ - cULus - CCC - EAC
Reference Directives	LVD - 2014/35/EU
Reference Standards	IEC 60947-5-1 / EN 60947-5-1
Operating Temperatures [°C]	-25°C ... +70°C
Stock temperature [°C]	-30°C ... +80°C
Protection against electric shocks (according to IEC 60536) [Class]	Class I
Rated insulation voltage UI [V]	400
Pollution Degree	3
Contact rating according to UL50	A300 - Q300
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	M3.5 screw with cable clamp (+,-) pozidriv 2

PRODUCT DRAWING RELEASE:

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Last Modification (geometry): 25/02/2019 14:38


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DETAILS:

Marking Terminals	According to IEC 60947-5-1
Mechanical Durability [Millions of Operations]	25
B10d [Millions of Operations]	50

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