

**PRODUCT DESCRIPTION:**

**DM\_F41**

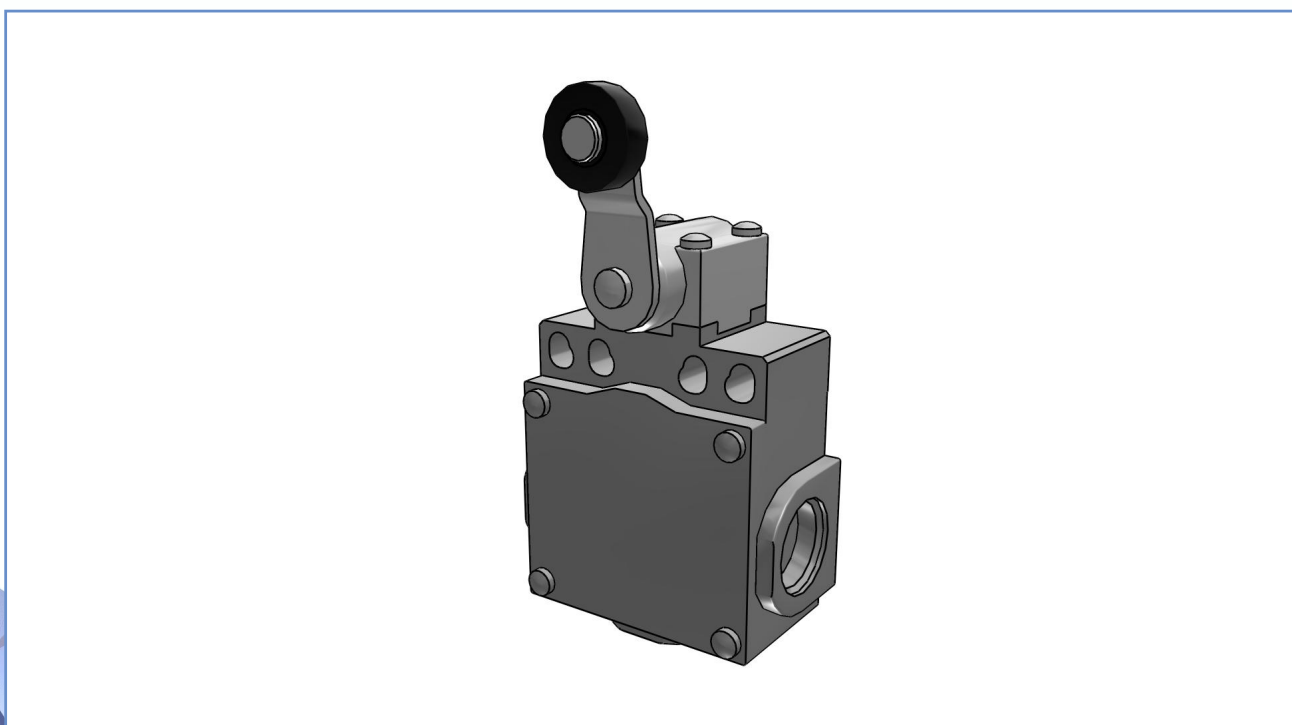
**PRODUCT CODE:**

**DM5F41Z02**

**DYNAMIC 3D VIEW:**



**STATIC 3D VIEW:**



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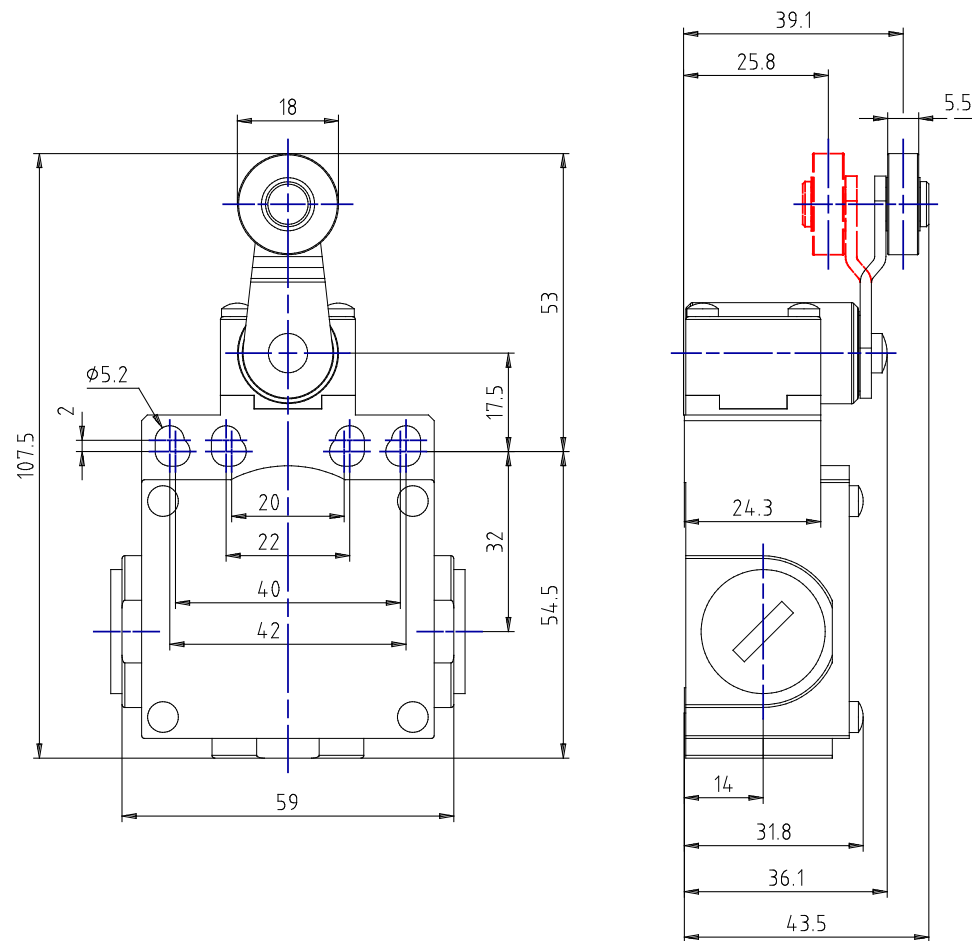


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**TECHNICAL VIEW:**



| Z02 |  | 11 | 21 | 0     | 17° | 30° | 46° | 74° |
|-----|--|----|----|-------|-----|-----|-----|-----|
|     |  | 12 | 22 | 11-12 |     |     |     |     |
|     |  |    |    | 21-22 |     |     |     |     |
|     |  |    |    | 11-12 |     |     |     |     |
|     |  |    |    | 21-22 |     |     |     |     |

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**DETAILS:**

|                                                                     |                                                      |
|---------------------------------------------------------------------|------------------------------------------------------|
| Part Number                                                         | DM5F41Z02                                            |
| Casing Material                                                     | Painted zamak                                        |
| Width [mm]                                                          | 50                                                   |
| Electrical connections                                              | Three threaded cable inlets for M20x1.5 cable glands |
| IP protection rating                                                | IP66                                                 |
| Actuating Head                                                      | Nylon roller lever ø 18                              |
| Head Material                                                       | Metal Head                                           |
| Microswitch                                                         | Snap 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                         |
| 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         |
| Marking Terminals                                                   | According to IEC 60947-5-1                           |

**PRODUCT DRAWING RELEASE:**

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**DETAILS:**

|                                                |    |
|------------------------------------------------|----|
| Mechanical Durability [Millions of Operations] | 25 |
| B10d [Millions of Operations]                  | 50 |

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