

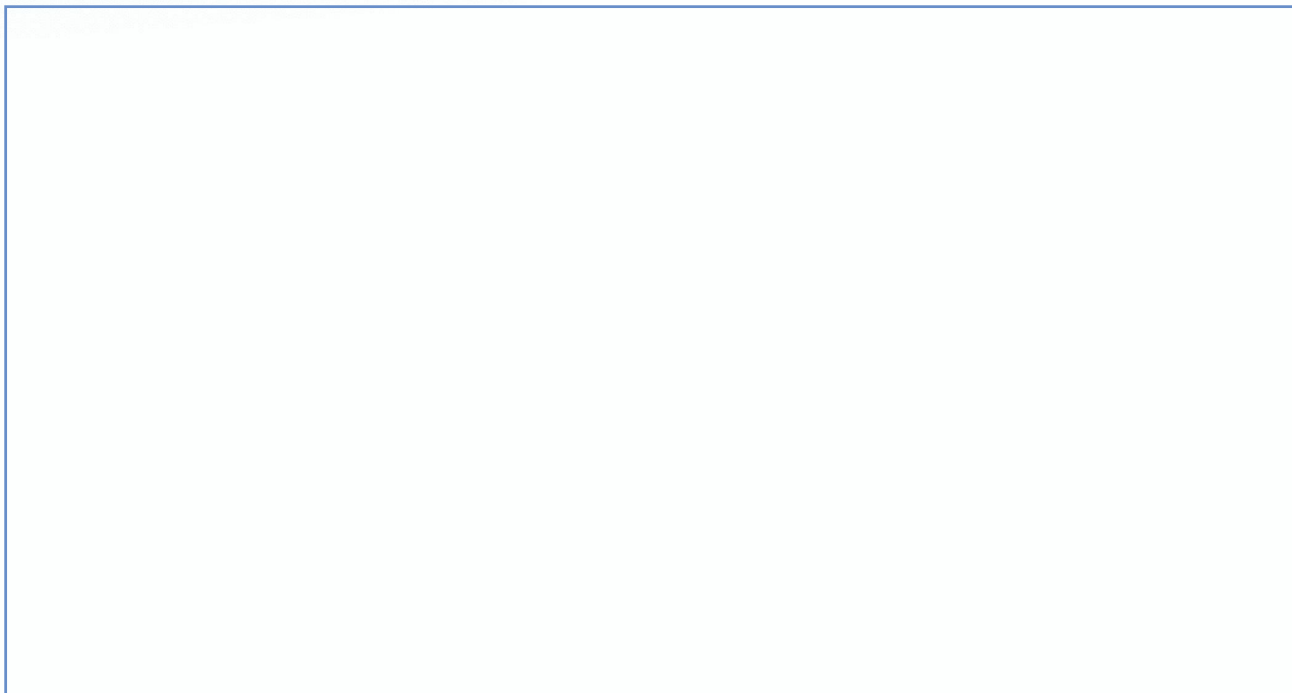
**PRODUCT DESCRIPTION:**

**DM\_F5500**

**PRODUCT CODE:**

**DM5F5500Z11**

**DYNAMIC 3D VIEW:**



**STATIC 3D VIEW:**



Datasheet creation date: 13/08/2025 14:56



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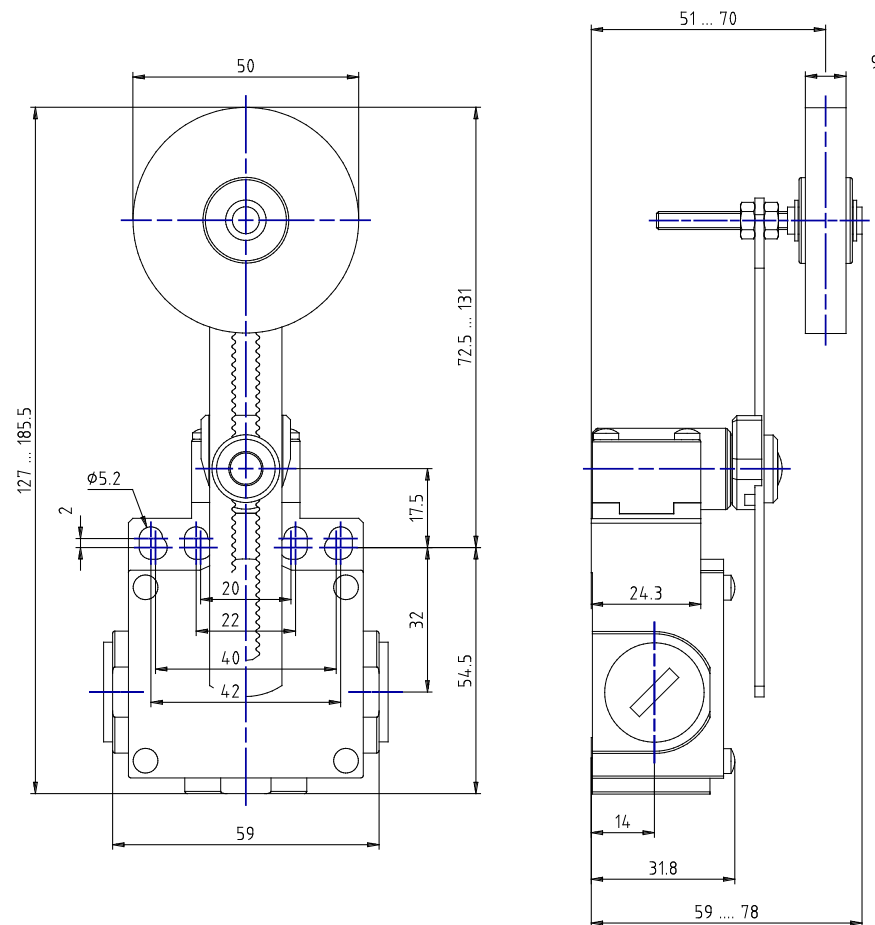


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### TECHNICAL VIEW:



|     |    |    |       |     |     |     |     |   |
|-----|----|----|-------|-----|-----|-----|-----|---|
| Z11 | 13 | 21 | 0     | 17° | 31° | 47° | 74° |   |
|     |    |    | 21-22 |     |     | ⊖   |     | ▷ |
|     |    |    | 13-14 |     |     |     |     | ▷ |
|     | 14 | 22 | 21-22 |     |     |     |     | ▷ |
|     |    |    | 13-14 |     |     |     |     | ▷ |

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## DETAILS:

|                                                                     |                                                                 |
|---------------------------------------------------------------------|-----------------------------------------------------------------|
| Part Number                                                         | DM5F5500Z11                                                     |
| Casing Material                                                     | Painted zamak                                                   |
| Width [mm]                                                          | 50                                                              |
| Electrical connections                                              | Three threaded cable inlets for M20x1.5 cable glands            |
| IP protection rating                                                | IP65                                                            |
| Actuating Head                                                      | Adjustable toothed lever (2mm step) with rubber roller (ø 50mm) |
| Head Material                                                       | Metal Head                                                      |
| Microswitch                                                         | Snap action contacts (1NO + 1NC)                                |
| 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]                                     | 500                                                             |
| 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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**DETAILS:**

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

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