

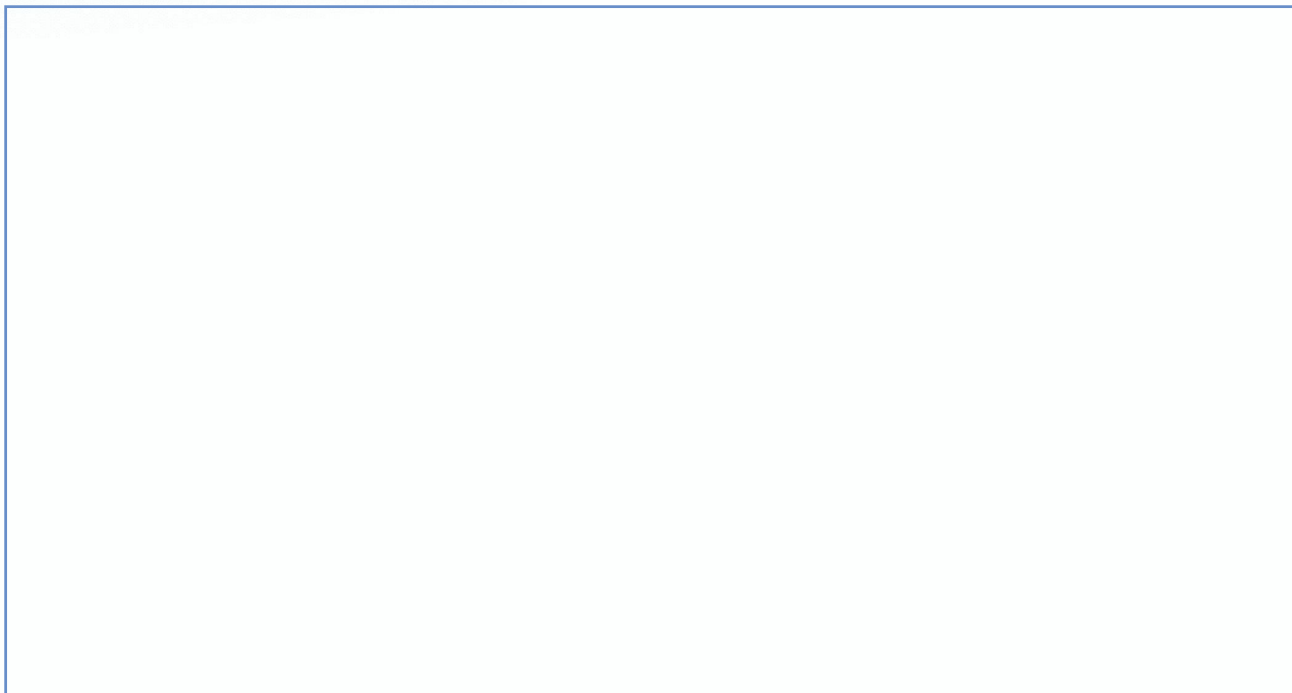
**PRODUCT DESCRIPTION:**

**EP1G41**

**PRODUCT CODE:**

**EP1G41ZUP**

**DYNAMIC 3D VIEW:**



**STATIC 3D VIEW:**



Datasheet creation date: 19/08/2025 09:19



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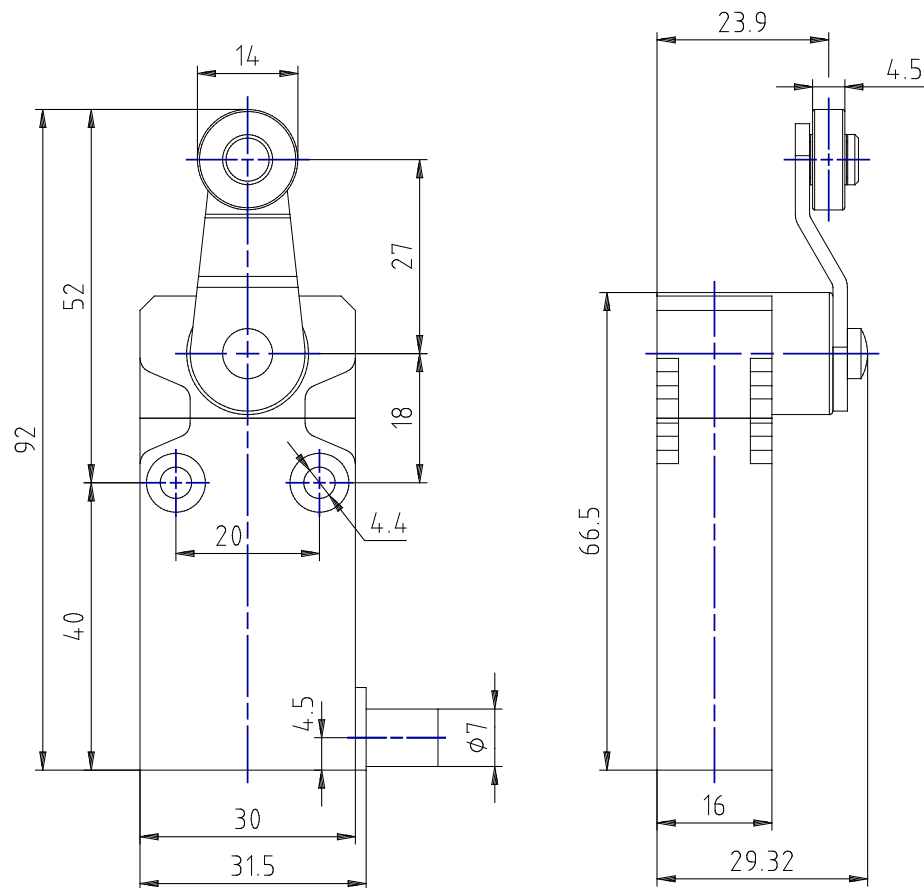


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**TECHNICAL VIEW:**



| Z | <div> <div>13</div> <div>21</div> <div>14</div> <div>22</div> </div> | 0     | 21° | 32° | 65° | 74° | <div> <div></div> <div></div> </div> |
|---|----------------------------------------------------------------------|-------|-----|-----|-----|-----|--------------------------------------|
|   |                                                                      | 21-22 |     |     |     |     |                                      |
|   |                                                                      | 13-14 |     |     |     |     |                                      |
|   |                                                                      | 21-22 |     |     |     |     |                                      |
|   |                                                                      | 13-14 |     |     |     |     |                                      |

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**DETAILS:**

|                                                                   |                                                                 |
|-------------------------------------------------------------------|-----------------------------------------------------------------|
| Code                                                              | EP1G41ZUP                                                       |
| Casing Material                                                   | Reinforced thermoplastic                                        |
| Width [mm]                                                        | 30                                                              |
| Electrical connections                                            | Pre-wired with PUR Dynamic cable 4x0.75 - Length from 1m to 12m |
| IP protection rating                                              | IP67                                                            |
| Operating head                                                    | Nylon roller lever (ø 14mm)                                     |
| Head Material                                                     | Metal                                                           |
| Microswitch                                                       | Snap action contacts (1NO + 1NC)                                |
| Approvals                                                         | UL - EAC                                                        |
| Reference Directives                                              | LVD - 2014/35/EU                                                |
| Reference regulations                                             | IEC 60947-5-1 / EN 60947-5-1                                    |
| Operating Temperatures [°C]                                       | -25°C ... +70°C                                                 |
| Stock temperature [°C]                                            | -40°C ... + 70°C                                                |
| Protection against electrical shocks                              | Class II                                                        |
| Rated insulation voltage UI [V]                                   | 300                                                             |
| Pollution Degree                                                  | 3                                                               |
| Contact rating secondo UL508                                      | B300 - R302                                                     |
| Rated impulse voltage Uimp contacts [kV]                          | 4                                                               |
| Conventional thermal current in air free Ith (θ min 40 ° C) [A (θ | 10                                                              |
| Short circuit protection (EU min 500Vac - fuses type gG (gl)) [A] | 10                                                              |
| Rated Operational Current Ie - AC-15 (50-60 Hz) [Vac - A]         | 24V - 10A / 120V - 6A / 240V - 3A                               |
| Rated Operational Current DC-13 [Vdc - A]                         | 24V - 2.8A / 125V - 0.55A / 250V - 0.27A                        |
| Max. switching frequency [Cicli/h]                                | 3600                                                            |
| Resistance Between Contacts [mΩ]                                  | 25                                                              |
| Connecting Terminals                                              | PUR cable 4x0.75                                                |
| Connecting Cables Dimensions [mm²]                                | /                                                               |
| Protective Conductor Terminal                                     | /                                                               |
| Marking Terminals                                                 | NC black/black NO blue/brown                                    |
| Mechanical durability (Millions of operations)                    | 10                                                              |
| B10d (millions of operations)                                     | 20                                                              |

**PRODUCT DRAWING RELEASE:**

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Last Modification (geometry): 25/10/2019 10:25


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