

**PRODUCT DESCRIPTION:**

**EP1G24**

**PRODUCT CODE:**

**EP1G24XU**

**DYNAMIC 3D VIEW:**



**STATIC 3D VIEW:**



Datasheet creation date: 13/08/2025 14:54



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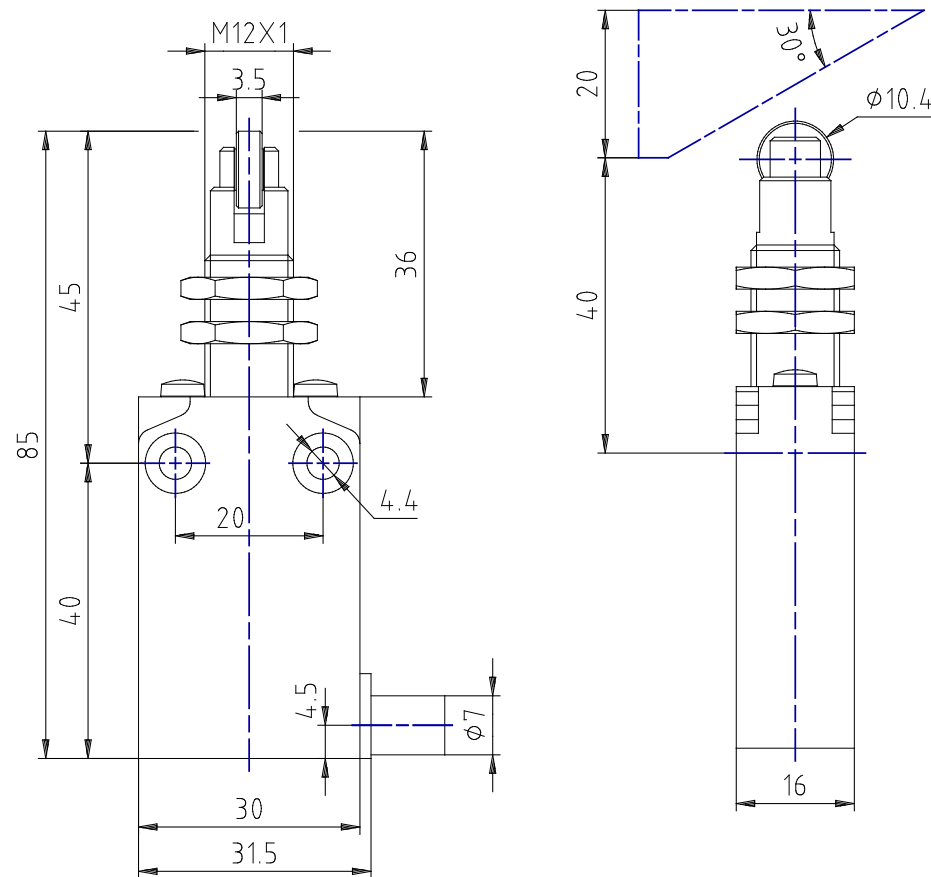


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### TECHNICAL VIEW:



|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>13</p>  <p>14</p> </div> <div style="text-align: center;"> <p>21</p>  <p>22</p> </div> </div> |  |
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## DETAILS:

|                                                                   |                                                        |
|-------------------------------------------------------------------|--------------------------------------------------------|
| Code                                                              | EP1G24XU                                               |
| Casing Material                                                   | Reinforced thermoplastic                               |
| Width [mm]                                                        | 30                                                     |
| Electrical connections                                            | Pre-wired with UL cable 4x0.75 - Length from 1m to 12m |
| IP protection rating                                              | IP67                                                   |
| Operating head                                                    | Metal cross roller plunger with fixing nuts            |
| Head Material                                                     | Metal                                                  |
| Microswitch                                                       | Non-overlapping slow action contacts ( 1NO + 1NC )     |
| Approvals                                                         | cULus - CCC - 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]                                   | 400                                                    |
| 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                                              | PVC 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:

Datasheet creation date: 13/08/2025 14:54

Last Modification (geometry): 25/10/2019 10:17



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