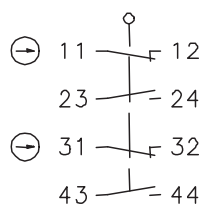


## Plastic bodied limit switch Series C74

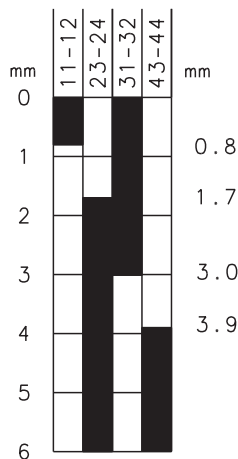
Description **C74-EB-U2Z**

Article number **6106201155**

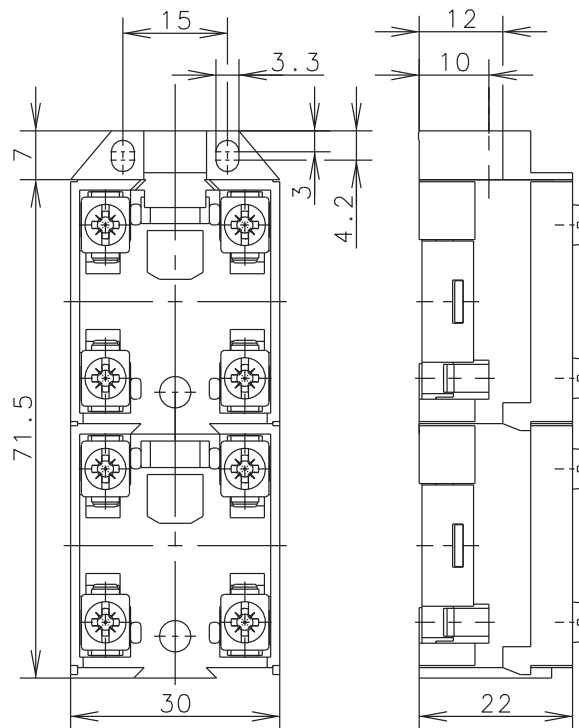
### Operating symbol



### Operating diagram



  Tolerance:  
 On Off Operating point  $\pm 0,25$  mm;  
 Actuating force:  $\pm 10$  %



### Electrical Data

|                                 |                                                                                     |                                |
|---------------------------------|-------------------------------------------------------------------------------------|--------------------------------|
| Rated insulation voltage        | $U_i$                                                                               | 400 V AC                       |
| Conv. thermal current           | $I_{the}$                                                                           | 10 A                           |
| Rated operational voltage       | $U_e$                                                                               | 240 V AC                       |
| Utilization category            |                                                                                     | AC-15, $U_e / I_e$ 240 V/ 3 A  |
| Positive opening NC contact     |  | acc. IEC/EN 60947-5-1, annex K |
| Short-circuit protective device |                                                                                     | Fuse 10 A gG                   |

| Mechanical data          |                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------|
| Enclosure                | Thermoplastic, glass fibre reinforced                                                      |
| Actuator                 | Plunger inside located, Ø 8                                                                |
| Ambient air temperature  | -30 °C ... +80 °C                                                                          |
| Contact type             | 2 NC, 2 NO (Zb)                                                                            |
| Mechanical life          | 10 x 10 <sup>6</sup> switching cycles                                                      |
| Switching frequency      | ≤ 100/min                                                                                  |
| Assembly                 | 2 x M3                                                                                     |
| Connection               | 8 screw connections (M3,5)                                                                 |
| Conductor cross-sections | Solid: 0.5 ... 1.5 mm <sup>2</sup><br>Litz wire with ferrules: 0.5 ... 1.5 mm <sup>2</sup> |
| Weight                   | ≈ 0,06 kg                                                                                  |
| Installation position    | Operator definable                                                                         |
| Protection type          | IP00 acc. to EN 60529; DIN VDE 0470 T1                                                     |

| Actuation                                                          |
|--------------------------------------------------------------------|
| Actuating the device is possible only in direction of the plunger. |

| ID for safety engineering        |
|----------------------------------|
| B10d 20 x 10 <sup>6</sup> cycles |

| Standards                                      |
|------------------------------------------------|
| VDE 0660 T100, DIN EN 60947-1, IEC 60947-1     |
| VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1 |
| DIN EN ISO 13849-1                             |

| EU Conformity                |
|------------------------------|
| acc. to directive 2014/35/EU |

| Approvals |
|-----------|
| CCC       |

| Notes                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------|
| Because of the open construction of the device there is no special protection against ingressing of water and touching parts under voltage. |