

## LIMIT SWITCH, K SERIES, ROLLER CENTRE PUSH LEVER, 2 SIDE CABLE ENTRY. DIMENSIONS COMPATIBLE TO EN 50047, PLASTIC BODY, CONTACTS 2NC SNAP ACTION. PLASTIC ROLLER



Roller centre Product designation push lever KCC Product type designation

| (Conoral | characteristics |  |
|----------|-----------------|--|
| General  | unaraciensiics  |  |

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|---|------|------|

| Material                                      |         |         |                        |
|---|---------|---------|------------------------|
|   | Housing |         | Polymer                |
|   | •       |         | thermoplastic          |
|   | Roller  |         | Plastic                |
| Contact characteristics                       |         |         |                        |
| Type of contact                               |         |         | 2NC Snap action        |
| Thermal current Ith                           |         | A       | 10                     |
| IEC/EN 60947-5-1 designation                  |         |         | A600 Q600              |
| Rated insulation voltage Ui                   |         | V       | 690                    |
| Rated impulse withstand voltage Uimp          |         | kV      | 6                      |
| Insulation class                              |         |         | Ш                      |
| Short-circuit protection with fuse            |         | Class/A | 10 gG/SC<br>QUICK FUSE |
| Switching speed                               |         |         |                        |
|   | min     | m/s     | 0.5                    |
|   | max     | m/s     | 1.5                    |
| IEC Conventional free air thermal current Ith |         | Α       | 10                     |
| Resistance per pole (average value)           |         | mΩ      | <10                    |
| Mechanical features                           |         |         |                        |
| Operating head fixing                         |         |         | Locking bayonet insert |
| Operating torque                              |         |         | <del></del> ,          |
|   |         | N       | 6                      |
|   |         | lb      | 1.34                   |
| Tightening torque (Max)                       |         |         |                        |
| Switch fixing                                 |         |         |                        |
|   |         | Nm      | 2.5                    |
|   |         | lbin    | 22.1                   |
| Contact terminals                             |         |         |                        |
|   |         | Nm      | 0.8                    |
|   |         | lbin    | 7                      |
| Body lid screw fixing                         |         |         |                        |
|   |         | Nm      | 0.8                    |
|   |         | lbin    | 7                      |
| Conductor section                             |         |         |                        |
| AWG/Kcmil                                     |         |         |                        |
|   | min     |         | 16                     |
|   | max     |         | 14                     |
| IEC   |         |         |                        |
|   | min     | mm²     | 1or 2                  |
|   | max     | mm²     | 2.5                    |

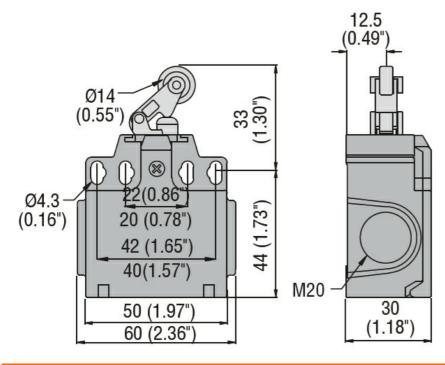


**ENERGY AND AUTOMATION** 

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PLASTIC ROLLER

| Cable connection        |              |          | Self-releasing screw terminal |
|-------------------------|--------------|----------|-------------------------------|
| Cable entry             |              |          | M20 on the sides              |
| Operations              |              |          |                               |
| Mechanical life         |              | cycles   | <10000000                     |
| Mechanical operation    |              | cycles/h | 3600                          |
| Ambient conditions      |              |          |                               |
| Temperature             |              |          |                               |
| Operating temperature   |              |          |                               |
|                         | min          | °C       | -25                           |
|                         | max          | °C       | +70                           |
| Storage temperature     |              |          |                               |
|                         | min          | °C       | -40                           |
|                         | max          | °C       | +70                           |
| Resistance & Protection |              |          |                               |
| IP degree               |              |          |                               |
|                         | Terminals    |          | IP20                          |
|                         | Body housing |          | IP65                          |
| Pollution degree        |              | •        | 3                             |
| Dimensions              |              |          |                               |



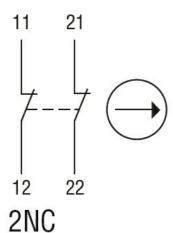
Wiring diagrams



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## Snap action



## Certifications and compliance

Compliance

CSA C22.2 n° 14

EN 50047

IEC/EN 60204-1

IEC/EN 60947-1

IEC/EN 60947-5-1

**UL508** 

Certificates

CCC

cULus

EAC

ETIM classification

**ETIM 8.0** 

EC000030 - End switch