

KMF2L03 LIMIT SWITCH, K SERIES, ADJUSTABLE ROLLER LEVER, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, METAL BODY, CONTACTS 3NC SLOW ACTION. METAL ROLLER



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| Product designation | Adjustable roller lever |
|--------------------------|----------------------------|
| Product type designation | KMF |
| General characteristics | |
| Material | |

| | | Housing | | Aluminium-zinc |
|---------------------------|---------------------------|---------|---------|----------------------------------|
| | | - | | alloy |
| O extent also an etariati | | Roller | | Metal |
| Contact characteristi | CS | | | |
| Type of contact | | | | 3NC Slow action |
| Thermal current Ith | | | А | 10 |
| IEC/EN 60947-5-1 d | | | | A300 Q300 |
| Rated insulation volta | - | | V | 440 |
| Rated impulse withst | and voltage Uimp | | kV | 4 |
| Short-circuit protection | on with fuse | | Class/A | 10 gG/SC QUICK FUSE |
| Switching speed | | | | |
| | | min | m/s | 0.5 |
| | | max | m/s | 1.5 |
| IEC Conventional fre | e air thermal current Ith | | А | 10 |
| Resistance per pole | (average value) | | mΩ | <10 |
| Mechanical features | | | | |
| Operating head fixing | 9 | | | Locking bayonet insert |
| Operating torque | | | | |
| - p | | | Ncm | 3 |
| | | | ozin | 4.25 |
| Tightening torque (M | ax) | | 02 | 1120 |
| | Switch fixing | | | |
| | Ownorr hixing | | Nm | 2.5 |
| | | | lbin | 22.1 |
| | Contact terminals | | | 22.1 |
| | Contact terminals | | Nm | 0.8 |
| | | | lbin | 7 |
| | Body lid screw fixing | | | 1 |
| | Body ind screw fixing | | Nm | 0.8 |
| | | | Ibin | 7 |
| Conductor section | | | | 1 |
| Conductor section | | | | |
| | AWG/Kcmil | ! | | 16 |
| | | min | | 16 |
| | | max | | 14 |
| | IEC | min | mm² | 1or 2 |
| | | max | mm² | 2.5 |
| Cable connection | | max | | Self-releasing screw terminal |

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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| Cable entry | | | | M20 on the bottom |
|--|---|--------------|----------|-------------------|
| Operations | | | | |
| Mechanical life | | | cycles | <1000000 |
| Mechanical operation | | | cycles/h | 3600 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | min | °C | -25 |
| | | max | °C | -25 +70 |
| | Storage temperature | Пах | 0 | 170 |
| | | min | °C | -40 |
| | | max | °Č | +70 |
| Resistance & Protectior | n | | | |
| IP degree | | | | |
| | | Terminals | | IP20 |
| | | Body housing | | IP65 |
| Pollution degree | | | | 3 |
| Dimensions | | | | |
| | 40 (1.57") | | | |
| Ø4.3 (0.16") 22 (0.86") 20 (0.78") 30 (1.18") | 24.5 (2.14") (1.111 (2.67"4.37") (0.0111 (2.67"4.37") | | | |

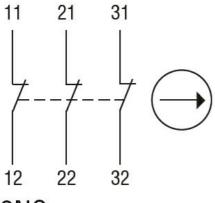
Wiring diagrams

KMF2L03



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Slow action



3NC

| 0110 | | |
|------------------------|------------------|--------------------------|
| Certifications and con | npliance | |
| Compliance | | |
| | CSA C22.2 n° 14 | |
| | EN 50047 | |
| | IEC/EN 60204-1 | |
| | IEC/EN 60947-1 | |
| | IEC/EN 60947-5-1 | |
| | UL508 | |
| Certificates | | |
| | <u>CCC</u> | |
| | cULus | |
| | EAC | |
| ETIM classification | | |
| ETIM 8.0 | | EC000030 - End switch |