

**Part no.** 4K6300MMK1/2S  
**Article no.** 1319831

## Delivery program

|                      |  |    |                                     |
|----------------------|--|----|-------------------------------------|
| Product range        |  |    | Accessories                         |
| Part group reference |  |    | DMV<br>DMVS<br>QSA                  |
| Basic function       |  |    | drive shaft<br>Universal            |
| <b>Notes</b>         |  |    | Length of shaft from top to bottom. |
| Shaft diameter       |  |    | 6 x 6                               |
| Shaft length         |  | mm | 300                                 |
| For use with         |  |    | K1, K2S Rotary handles              |

## Design verification as per IEC/EN 61439

|  |            |   |  |
|--|------------|---|--|
| Technical data for design verification   |            |   |  |
| Rated operational current for specified heat dissipation   | $I_n$      | A | 0  |
| Heat dissipation per pole, current-dependent   | $P_{vid}$  | W | 0  |
| Equipment heat dissipation, current-dependent  | $P_{vid}$  | W | 0  |
| Static heat dissipation, non-current-dependent   | $P_{vs}$   | W | 0  |
| Heat dissipation capacity  | $P_{diss}$ | W | 0  |
| IEC/EN 61439 design verification   |            |   |  |
| 10.2 Strength of materials and parts   |            |   |  |
| 10.2.2 Corrosion resistance  |            |   |  |
| 10.2.3.1 Verification of thermal stability of enclosures   |            |   | Meets the product standard's requirements.   |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat   |            |   | Meets the product standard's requirements.   |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects |            |   | Meets the product standard's requirements.   |
| 10.2.4 Resistance to ultra-violet (UV) radiation   |            |   | Please enquire   |
| 10.2.5 Lifting   |            |   | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| 10.2.6 Mechanical impact   |            |   | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| 10.2.7 Inscriptions  |            |   | Meets the product standard's requirements.   |
| 10.3 Degree of protection of ASSEMBLIES  |            |   |  |
| 10.4 Clearances and creepage distances   |            |   |  |
| 10.5 Protection against electric shock   |            |   |  |
| 10.6 Incorporation of switching devices and components   |            |   |  |
| 10.7 Internal electrical circuits and connections  |            |   |  |
| 10.8 Connections for external conductors   |            |   |  |
| 10.9 Insulation properties   |            |   |  |
| 10.9.2 Power-frequency electric strength   |            |   | Is the panel builder's responsibility.   |
| 10.9.3 Impulse withstand voltage   |            |   | Is the panel builder's responsibility.   |
| 10.9.4 Testing of enclosures made of insulating material   |            |   | Is the panel builder's responsibility.   |
| 10.10 Temperature rise   |            |   |  |
| 10.11 Short-circuit rating   |            |   |  |
| 10.12 Electromagnetic compatibility  |            |   |  |
| 10.13 Mechanical function  |            |   |  |
|  |            |   | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

## Technical data ETIM 6.0

|   |    |     |
|---|----|-----|
| Low-voltage industrial components (EG000017) / Switch operating shaft (EC000916)  |    |     |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Switch axle (ecl@ss8.1-27-37-04-13 [AKF011010]) |    |     |
| Length  | mm | 300 |

|                      |    |   |
|----------------------|----|---|
| Cross section height | mm | 6 |
| Cross section width  | mm | 6 |

## Additional product information (links)

|  |   |
|--|---|
| Technical overview cam switch, switch-disconnector | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.2">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.2</a>                                     |
| System overview cam switch T                       | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.4">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.4</a>                                     |
| System overview switch-disconnector P              | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.6">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.6</a>                                     |
| Key to part numbers Cam switch                     | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8</a>                                     |
| Key to part numbers Switch-disconnector            | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8</a>                                     |
| Switches for ATEX                                  | <a href="http://www.coopercrouse-hinds.eu/en/products/25-ex-safety-and-main-current-switches.html">http://www.coopercrouse-hinds.eu/en/products/25-ex-safety-and-main-current-switches.html</a> |