



Conversion kit, locking arrangement red in black, P5

Part no. **P5-XRT-SW-UMBAU**  
 Catalog No. **294131**

### 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  |            |   |  | Meets the product standard's requirements.   |
| 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  |            |   |  | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| 10.4 Clearances and creepage distances   |            |   |  | Meets the product standard's requirements.   |
| 10.5 Protection against electric shock   |            |   |  | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| 10.6 Incorporation of switching devices and components   |            |   |  | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| 10.7 Internal electrical circuits and connections  |            |   |  | Is the panel builder's responsibility.   |
| 10.8 Connections for external conductors   |            |   |  | Is the panel builder's responsibility.   |
| 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   |            |   |  | Not applicable.  |
| 10.11 Short-circuit rating   |            |   |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.           |
| 10.12 Electromagnetic compatibility  |            |   |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.           |
| 10.13 Mechanical function  |            |   |  | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

### Technical data ETIM 5.0

|   |  |  |  |              |
|---|--|--|--|--------------|
| Low-voltage industrial components (EG000017) / Accessories for low-voltage switch technology (EC002498)   |  |  |  |              |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Low-voltage switch technology (accessories) / Component for low-voltage switch technology (accessories) (ec1@ss8-27-37-92-01 [AKN570009]) |  |  |  |              |
| Type of accessory   |  |  |  | Mounting set |