



## **Main switch,3LD2164-0TB51**

URL:<https://www.sxplc.com/main-switch-3ld2164-0tb51>

**Product data sheet**

|  |  |
|--|--|
| product designation  | Switch disconnecter                                |
| design of the product  | Main switch  |
| display version for switch position indicator manual operation | 1 ON - 0 OFF                                       |
| type of switch   | Molded-plastic enclosure for metric threaded joint |
| design of the actuating element                                | Short rotary knob                                  |
| color of the actuating element                                 | black  |
| design of handle   | rotary operating mechanism, black                  |
| type of the driving mechanism motor drive                      | No   |

#### General technical data

|  |         |
|--|---------|
| number of poles                                    | 3       |
| number of poles note                               | N + PE  |
| size of switch disconnecter                        | 2       |
| mechanical service life (operating cycles) typical | 100 000 |
| electrical endurance (operating cycles)            |         |
| • at AC-23 A at 690 V                              | 6 000   |
| operating frequency maximum                        | 50 1/h  |
| degree of pollution                                | 3       |

#### Voltage

|                                      |       |
|--------------------------------------|-------|
| insulation voltage rated value       | 690 V |
| surge voltage resistance rated value | 6 kV  |
| operating voltage                    |       |
| • at AC rated value                  | 690 V |
| operating frequency rated value      |       |
| • minimum                            | 50 Hz |
| • maximum                            | 60 Hz |

#### Protection class

|                                  |           |
|----------------------------------|-----------|
| protection class IP              | IP65      |
| degree of protection NEMA rating | 1, 4X, 12 |
| protection class IP on the front | IP65      |

#### Dissipation

|   |       |
|---|-------|
| power loss [W] for rated value of the current at AC in hot operating state per pole | 1.1 W |
|---|-------|

#### Main circuit

|                                   |      |
|-----------------------------------|------|
| operational current               |      |
| • at AC-21 at 690 V rated value   | 25 A |
| • at AC-21 A at 240 V rated value | 25 A |
| • at AC-21 A at 400 V rated value | 25 A |
| • at AC-21 A at 440 V rated value | 25 A |

