



Main switch,3LD2164-0TB51

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

Product data sheet

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| 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

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

