

DATASHEET - VLCE14-3P+N



Fuse switch-disconnector, 50A, 1p, 22x51 size

Part no. VLCE14-3P+N
Catalog No. 192379



Delivery program

| | | | |
|-----------------|--|--|---|
| | | | For cylindrical fuses |
| | | | Up to 50 A Without flashing function |
| Size | | | 14 x 51 |
| Number of poles | | | 3 + N |

Technical data

Electrical

| | | | |
|---|-----------|------|--------------------------------|
| Number of poles | | | 1P 1P+N 2P 3P 3P+N |
| Rated operating voltage | U_e | V AC | 690 |
| Rated operational current | I_e | A | 50 |
| Rated conditional short-circuit current | I_e | | 100 |
| Rated frequency | f | Hz | 50 |
| Utilization category | | | AC 22 B |
| Rated impulse withstand voltage | U_{imp} | kV | 8 |
| Fuse | | W | gG: 5, aM: 3 |

Mechanical

| | | | |
|---|--|-----------------|--|
| Standard front dimension | | mm | 45 |
| Enclosure height | | mm | 94 |
| Mounting width | | mm | 27/per pole |
| Weight | | g | 1P 100 1P+N 222 2P 201 3P 308 3P+N 437 |
| Mounting | | | Quick attachment for top-hat rail IEC/EN 60715 |
| Degree of protection | | | |
| Integrated | | | IP20 |
| Terminals | | | Lift terminals |
| Terminal capacities | | mm ² | |
| Solid | | mm ² | 1.5 - 10 |
| Temperature range | | °C | -25 ... +60 |
| Specified tightening torque for terminal screws | | | |
| Tightening torque | | Nm | max. 2 |
| Overvoltage category/pollution degree | | | -/1 |
| Track resistance | | | CTI 400 |

Design verification as per IEC/EN 61439

| | | | |
|--|--|----|-----|
| Technical data for design verification | | | |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 55 |

Technical data ETIM 7.0

| | | | |
|--|--|--|----|
| Low-voltage industrial components (EG000017) / Fuse switch disconnector (EC001040) | | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Fuse switch disconnector (ecI@ss10.0.1-27-37-14-01 [AKF058013]) | | | |
| Version as main switch | | | No |

| | | |
|---|----|------------------|
| Version as safety switch | | Yes |
| Max. rated operation voltage Ue AC | V | 690 |
| Rated permanent current Iu | A | 50 |
| Rated operation power at AC-23, 400 V | kW | 0 |
| Conditioned rated short-circuit current Iq | kA | 100 |
| Rated short-time withstand current Icw | kA | 0.6 |
| Suitable for fuses | | 14x51 mm |
| Number of poles | | 4 |
| With error protection | | No |
| Type of electrical connection of main circuit | | Screw connection |
| Cable entry | | Other |
| Equipped with connectors | | No |
| Suitable for ground mounting | | Yes |
| Suitable for front mounting 4-hole | | No |
| Suitable for busbar mounting | | No |
| Type of control element | | Rocker lever |
| Position control element | | Front side |
| Motor drive optional | | No |
| Motor drive integrated | | No |
| Version as emergency stop installation | | No |
| Degree of protection (IP), front side | | IP20 |

Dimensions

