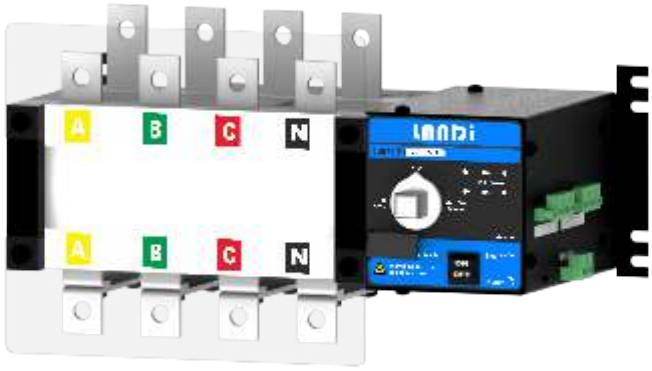
# PRODUCT PARAMETER TABLE

## Model Description

| LD | T | 1 | – | 250A | / | 4P | / | M1 |
|---|---|---|---|---|---|---|---|---|
| LANDI ELECTRIC | PC GRADE motor drive type | 1:Standard type | | Design current (250A) | | Number of poles (2P/3P/4P) | | |

M1: Terminal type
(Automatic switch and automatic recovery)
M2: Terminal type
(Automatic switch but not automatic recovery)
X: Fire-fighting type
(Fire-fighting Zero Position)
WA: Intelligent type
(Fire-fighting type + LDR2-A LED controller)
WB: Intelligent type
(Fire-fighting type + LDR2-B LCD controller)
N: Intelligent type
(Built-in MCU programmed control panel)



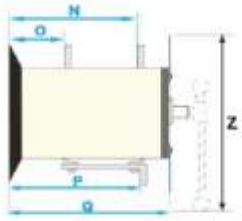

## Main Technical Parameters

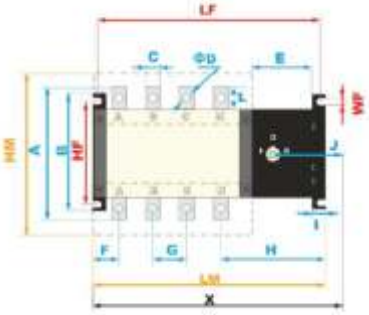
| | | |
|---|---|---|
| Conventional thermal current Ith | 250A | |
| Copper rated insulation voltage Ui | 1000V | |
| Rated impulse withstand voltage Uimp | 12KV | |
| Copper rated working voltage Ue | AC440V | |
| Copper rated working current Ie | 250A | |
| Rated connection capacity | 10Ie | |
| Rated breaking capacity | 10Ie | |
| Rated limited short circuit current | Fuse for protection / circuit breaker for protection | 100KA / 50KA |
| Transfer time Ⅰ – Ⅱ | 0.45S | |
| Control voltage of the switch motor Us | DC24V AC220V AC280V | |
| Start / Normal | 88W | |
| Use category | AC–33A | |

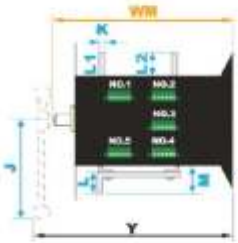
## Install And Use Conditions

| | |
|---|---|
| Temperature | -5℃- +40℃, 24H average not mort than +35℃ |
| Humidity | In the +40℃ conditions,the average humidity not more than 50%,no condensing |
| Altitude | <2000m,if used at higher than 2000 meters,please use the product at lower ratings |
| Vibration and gas | Free of strong vibration and impact,harmful gases leading to corrosion against metals and damage to insulation |
| Surrounding material | Free of thick dust ,conductive particles and explosive material |
| Class of pollution | Ⅲ |
| IP classification | IP 20 |
| Storage requirements | Stored at -30℃ to70℃, in a dry environment without corrosion or salts and the longest period of storage shall be no more than 1 year |
| Installation | Ver tically or horizontally |
| Wiring | The standard type is suitable for upper-in and lower-out wiring.Do not wire reversely.The type for lower-in and upper-out wiring can be customized. |

## Installation Dimensions




| Model | Appearance And Installation Data | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LDT1–250A | LF | WF | HF | LM | WM | HM | A | B | C | D | E | F | G | H |
| | 335 | 7 | 110 | 351 | 192 | 200 | 166 | 130 | 25 | 11 | 103 | 37.5 | 50 | 163.5 |
| | I | J | K | L | L1 | L2 | M | N | O | P | Q | X | Y | Z |
| | 18 | 189 | 3.5 | 28.5 | 30 | 51 | 36 | 136.5 | 57 | 139 | 169.5 | 452.5 | 227 | 289 |


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