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Technical Datasheet

Offer number: 27018070

Attachment

Siemens H-Pos: 100; 3EQ1 030-1PB21-4NH5

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|---|---------------------------|-----------------------|
| System Information | | |
| Maximum Utilization Voltage | 39,5 | kV |
| Basic lightning impulse insulation level | 200 | kV |
| Maximum altitude of installation (a.s.l.) | 6000 | ft |
| Neutral system earthing | solid | |
| Power Frequency | 48 ... 62 | Hz |
| Electrical data | | |
| Applied Standard | IEEE Std.C62.11 | |
| Duty-cycle voltage | 30,0 | kV |
| Maximum continuous operating voltage (MCOV) | 24,4 | kV |
| Lightning impulse classifying current | 10 | kA |
| Class acc. IEEE C62.11 | Station | |
| Low-current long-duration | 500 | A |
| High-current short-duration | 100 | kA |
| Pressure-relief capability | 50,0 | kA |
| Maximum discharge voltage at : | | |
| 10 kA (FOW) | 84,3 | kV |
| 5 kA 8/20 µs | 73,9 | kV |
| 10 kA 8/20 µs | 79,5 | kV |
| 20 kA 8/20 µs | 89,0 | kV |
| 40 kA 8/20 µs | 102 | kV |
| 500 A (45/90 µs) | 61,2 | kV |
| 1 kA (45/90 µs) | 63,6 | kV |
| 2 kA (45/90 µs) | 66,8 | kV |
| Temporary overvoltage for 1 s | 35,1 | kV |
| Temporary overvoltage for 10 s | 32,8 | kV |
| Energy discharge capability - thermal | 6,30 | kJ/kV _{MCOV} |
| Power Frequency withstand voltage (10 s, wet) | 162 | kV |
| Lightning Impulse withstand voltage (1,2/50 µs) | 348 | kV |
| Mechanical data | | |
| Height (H) | 34,84 | inch |
| Minimum creepage distance | 81,69 | inch |
| Number of units | 1 | |
| Weight (G) | 57,1 | lb |
| Color of housing | grey | |
| Maximum working cantilever strength | 1065 | lbf |
| Rated ultimate cantilever strength | 1524 | lbf |
| Drawing number | E T HP AR 27018070.0100 | |
| Accessories | | |
| Line terminal | NEMA 4 hole pad | |
| Ground terminal | 3 hole mounting on 10" BC | |
| Accessory 1 | Directly grounded | |
| Accessory 2 | Cable clamp | |
| | Eyebolt earthing terminal | |