

UMC SERIES METAL CLAD SWITCHGEARS



| TYPE | UMC 12 | UMC 17 | UMC 24 | UMC 36 |
|---|---|---------------------|---------------------|---------------------|
| Rated Voltage | 12 kV | 17 kV | 24 kV | 36 kV |
| Network Frequency | 28 kV | 38 kV | 50 kV | 70 kV |
| Withstand Voltage (1 min) Lightning Impulse Withstand Voltage(1.2/50) | 75 kV | 95 kV | 125 kV | 170 kV |
| Rated Current | 630/3150 A | 630/3150 A | 630/3150 A | 630/3150 A |
| Short Circuit Current | 31,5 kA t= 3 sn | 25 kA t= 3 sn | 25 kA t= 3 sn | 31,5 kA t= 3 sn |
| Short Circuit Current(peak) | 80 kA | 62,5 kA | 62,5 kA | 80 kA |
| Internal Arc Current | 31,5 kA t= 1 sn | 25 kA t= 1 sn | 25 kA t= 1 sn | 31,5 kA t= 1 sn |
| Internal Arc Class(IAC) | IAC-AFL IAC-AFLR | IAC-AFL IAC-AFLR | IAC-AFL IAC-AFLR | IAC-AFL IAC-AFLR |
| Protection Degree | IP3X | IP3X | IP3X | IP3X |
| Minimum Ambiance Temperature | -15 °C | -15 °C | -15 °C | -15 °C |
| Maximum Ambiance Temperature | 50 °C | 50 °C | 50 °C | 50 °C |
| Maximum Moisture | 80% | 80% | 80% | 80% |
| Maximum Altitude | 1000 m | 1000 m | 1000 m | 1000 m |
| Board Dimensions(mm) (Width x Height x Depth) | 650/800x 2000x 1750 | 900x 2000x 2000 | 900x 2000x 2000 | 1200x 2200x 2450 |
| Paint | Electrostatic Powdered Paint (RAL 7035) | | | |
| Standart | IEC62271-200 | | | |
| EARTHING SWITCH | | | | |
| Class | Class E2 IEC 62271 -103 | | | |
| Short Circuit Current | 31,5 kA t= 3 sn | 31,5 kA t= 3 sn | 31,5 kA t= 3 sn | 31,5 kA t= 3 sn |
| Short Circuit Current (peak) | 80 kA | 80 kA | 80 kA | 80 kA |