

Product data sheet



Specifications



Circuit Breaker Frame, UEW6-2000(ACB)

Main

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| Range | UEW6 |
| Product Name | Circuit breaker frame |
| Device Short Name | UEW6-2000 |
| Product or Component Type | Circuit breaker |
| Device Application | Power distribution protection |
| Poles Description | 3P、4P |
| Control Unit | 2M、2H、3M、3H |
| Line Rated Current | 630A、800A、1000A、1250A、1600A、2000A |
| Performance Type | M 、 H |
| Rated Operational Voltage[Ue] | 400V、690V、800V AC 50/60 Hz |
| Selectivity Category | Category B |
| Mounting Mode | Fixed Drawout |

Complementary

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| Rated Ultimate Short-Circuit Breaking Capacity [Icu] | AC400V | M:80kA | H:85 kA |
| | AC690V | M:50kA | H:65kA |
| | AC800V | M:40kA | H: -- |
| Rated Service Breaking Capacity[Ics] | AC400V | M:65kA | H:65kA |
| | AC690V | M:50kA | H:65kA |
| | AC800V | M:40kA | H: -- |
| Rated Short-Time Withstand Current [Icw] | AC400V | M:50kA/1s | H:65 kA/1s |
| | AC690V | M:40kA/1s | H:65kA/1s |
| | AC800V | M:40kA/1s | H: -- |

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| Rated Short-Circuit Making Capacity[Icm] | AC400V | M:176kA | H:187 kA |
| | AC690V | M:105kA | H:143kA |
| | AC800V | M:84kA | H: -- |

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| Rated Insulation Voltage [Ui] | 1000 V AC 50/60 Hz |
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| Rated Impulse Withstand Voltage [Uimp] | 12 kV |
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| Power Dissipation in W | Installation type Rated current | 3P Fixed | 4P Fixed | 3P Draw out | 4P Draw out |
|------------------------|------------------------------------|----------|----------|-------------|-------------|
| | 630A | 35.7W | 47.6W | 47.6W | 63.5W |
| | 800A | 57.6W | 76.8W | 76.8W | 102.4W |
| | 1000A | 60W | 80W | 120W | 160W |
| | 1250A | 93.7W | 125W | 187.5W | 250W |
| | 1600A | 153.6W | 204.8W | 307.2W | 409.6W |
| | 2000A | 240W | 320W | 480W | 640W |

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| Maximum Breaking Time | <30 ms |
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| Maximum Closing Response Time | 70 ms |
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| Mounting Support | Rails Base plate |
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| Connection Pitch | 95mm |
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| Mechanical Durability | 15000 Without maintenance |
| | 30000 With maintenance |

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| Electrical Durability | AC400V | 8000 |
| | AC690V | 3000 |
| | AC800V | 2400 |

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|--------|------------|-------|------------|-------|
| Height | Fixed 3P | 398mm | Fixed 4P | 398mm |
| | Drawout 3P | 436mm | Drawout 4P | 436mm |

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| Width | Fixed 3P | 364mm | Fixed 4P | 459mm |
| | Drawout 3P | 405mm | Drawout 4P | 500mm |

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| Depth | Fixed 3P | 296mm | Fixed 4P | 296mm |
| | Drawout 3P | 395mm | Drawout 4P | 395mm |

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| Net Weight (Max) | Fixed 3P | 43.7kg | Fixed 4P | 56.6kg |
| | Drawout 3P | 73.8kg | Drawout 4P | 92.4kg |

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| Standards | GB/T 14048.1, GB/T 14048.2 |
| | EN/IEC 60947-2 |
| | BSEN60947-2 |

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| Product Certifications | CCC |
| | CB |
| | CE |
| | UKCA |

Environment

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| IP Degree of Protection | IP40 (The switch is installed in the switchgear and equipped with a door frame) |
| Pollution Degree | III (3) |
| Ambient Air Temperature for Operation | -5...+70 °C |
| Ambient Air Temperature for Storage | -40...75 °C |
| Operating Altitude | 0...2500 m without derating |
| | > 2500 m with derating |

Packing Units

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| Unit Type of Package | PCE | | | |
| Quantity in One Package | 1 | | | |
| Package | 3PG | 4PG | 3PC | 4PC |
| Package Height | 60 cm | 60 cm | 63 cm | 63 cm |
| Package Width | 46.5 cm | 46.5 cm | 56 cm | 56 cm |
| Package Length | 47 cm | 56.5 cm | 48 cm | 57.5 cm |
| Package Weight (Max) | 50.7 kg | 65 kg | 83.6 kg | 100.9 kg |