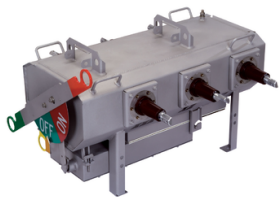


# Product data sheet

Specifications



## Manual load break switch, RL series, manual ready, 27kV, 630A, 12,5kA, 150kVp

400200220

### Main

|  |   |
|--|---|
| Range Of Product                               | RL series   |
| Product Or Component Type                      | Load break switch   |
| Number Of Mechanical Operations                | 10000 operating cycles<br>600 operating cycles full load                    |
| Rated Voltage (Ur)                             | 27 kV   |
| Rated Lightning Impulse Withstand Voltage (Up) | 150 kV phase to earth<br>150 kV phase to phase<br>170 kV across interrupter |
| Rated Continuous Current (Ir)                  | 630 A   |
| Rated Short-Time Withstand Current (Ik)        | 12.5 kA rms   |
| [Icm] Rated Short-Circuit Making Capacity      | 12.5 kA RMS voltage<br>31.5 kA peak   |

### Complementary

|  |   |
|--|---|
| Operating Time                             | < 2 s closing<br>< 2 s opening  |
| Rated Cable-Charging Breaking Current (Ic) | 25 A  |
| Rated Line-Charging Breaking Current (Ii)  | 10 A  |
| Net Weight                                 | 41 kg control cubicle with control cable<br>128 kg CB with pole mount bracket<br>285 kg gross weight of crate |
| Height                                     | 755 mm  |
| Width                                      | 1200 mm   |
| Depth                                      | 1150 mm   |

### Environment

|                                       |                           |
|---------------------------------------|---------------------------|
| Environmental Characteristic          | Solar radiation 1.1 kW/m² |
| Ambient Air Temperature For Operation | -30...50 °C               |
| Relative Humidity                     | 0...100 %                 |
| Operating Altitude                    | 3000 m                    |

### Packing Units

|                              |       |
|------------------------------|-------|
| Unit Type Of Package 1       | PCE   |
| Number Of Units In Package 1 | 1     |
| Package 1 Weight             | 92 kg |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

