

# Product data sheet

Specifications



## Vacuum circuit breaker, EasyPact EXE, basic function, 17.5kV, 95kVp, 25kA, 3s, 630A, 185mm, IEC

EXE172506B1B

### Main

|   |                              |
|---|------------------------------|
| Range of product  | EasyPact EXE                 |
| Device short name   | VCB base                     |
| Product or component type                                   | Circuit breaker              |
| Variant   | Basic                        |
| Technology type   | Vacuum                       |
| Rated frequency (fr)  | 50/60 Hz                     |
| Standards   | IEC 62271-100                |
| Rated voltage (Ur)  | 17.5 kV                      |
| Rated short-duration power-frequency withstand voltage (Ud) | 38 kV rms 50 Hz for 1 min    |
| Rated lightning impulse withstand voltage (Up)              | 95 kV peak                   |
| Rated current [Ik]  | 630 A                        |
| Phase distance  | 185 mm                       |
| Number of poles   | 3                            |
| Network type  | AC                           |
| Inter contact distance                                      | 270 mm                       |
| Rated short-circuit making current                          | 62.5 kA 50 Hz<br>65 kA 60 Hz |
| Rated short-time withstand current (Ik)                     | 25 kA rms 3 s                |
| Rated peak withstand current (Ip)                           | 62.5 kA 50 Hz<br>65 kA 60 Hz |
| Short-circuit current                                       | 25 kA                        |
| Control type  | Push-button                  |
| Mounting mode   | Withdrawable<br>Fixed        |
| Protection type   | Without protection           |

### Complementary

|                          |  |
|--------------------------|--|
| Rated operating sequence | O - 3 min - CO - 3 min - CO<br>O - 0.3 s - CO - 3 min - CO<br>O - 0.3 s - CO - 15 s - CO |
|--------------------------|--|

|  |  |
|--|--|
| Operating time                                     | < 50 ms opening<br>< 66 ms breaking<br>< 71 ms closing |
| Charging time                                      | 0...7 s  |
| Number of mechanical operations                    | 10000 operating cycles, M2                             |
| Electrical endurance classification                | E2 list 1  |
| Rated line-charging breaking current (Ii)          | 10 A C1  |
| Rated cable-charging breaking current (Ic)         | 31.5 A C1  |
| Rated single capacitor bank-breaking current (Isb) | 400 A C1   |

### Environment

|                                       |             |
|---------------------------------------|-------------|
| Weight                                | 55 kg       |
| Height                                | 527 mm      |
| Width                                 | 550 mm      |
| Depth                                 | 429 mm      |
| Ambient air temperature for operation | -25...40 °C |
| Ambient air temperature for storage   | -25...55 °C |
| Product certifications                | ASEFA       |

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 58.7 cm |
| Package 1 Width              | 60.0 cm |
| Package 1 Length             | 80.0 cm |
| Package 1 Weight             | 70.0 kg |

### Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>                     |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End of Life Information</a>   |

### Recommended replacement(s)