

# Product data sheet

Specifications



Vacuum circuit breaker, EvoPact  
HVX embedded pole, withdrawable,  
12kV, 25kA, 2500A, 275mm,  
110Vdc

HVX122525E275E111

❗ Discontinued

❗ Discontinued on: Jul 25, 2022

## Main

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Range Of Product                           | HVX                           |
| Device Short Name                          | HVX-EP                        |
| Product Or Component Type                  | Circuit breaker               |
| Technology Type                            | Vacuum                        |
| Rated Frequency (Fr)                       | 50/60 Hz                      |
| Standards                                  | IEC 62271-100:2012            |
| Rated Voltage (Ur)                         | 12 kV                         |
| Rated Continuous Current (Ir)              | 2500 A                        |
| Phase Distance                             | 275 mm                        |
| Number Of Poles                            | 3                             |
| Network Type                               | AC                            |
| Inter Contact Distance                     | 310 mm                        |
| Rated Short-Circuit Making Current         | 62.5 kA 50 Hz<br>65 kA 60 Hz  |
| Rated Peak Withstand Current (Ip)          | 62.5 kA 50 Hz<br>65 kA 60 Hz  |
| Rated Short-Circuit Breaking Current (Isc) | 25 kA                         |
| Control Type                               | Push-button                   |
| Mounting Mode                              | Withdrawable<br>Rolling frame |
| Protection Type                            | Without protection            |

## Complementary

|                          |                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------|
| Provided Equipment       | Underneath earthing<br>Interlock with door<br>Manual racking trolley<br>Anti-pumping relay |
| Rated Operating Sequence | O - 0.3 s - CO - 3 min - CO                                                                |
| Operating Time           | 30...60 ms opening<br>40...70 ms closing<br>< 75 ms breaking                               |
| Charging Time            | 4...12 s                                                                                   |

## Environment

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

|                                       |             |
|---------------------------------------|-------------|
| Weight                                | 200 kg      |
| Width                                 | 853 mm      |
| Depth                                 | 639 mm      |
| Ambient Air Temperature For Operation | -25...40 °C |
| Ambient Air Temperature For Storage   | -25...55 °C |
| Product Certifications                | IEC         |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type Of Package 1       | PCE     |
| Number Of Units In Package 1 | 1       |
| Package 1 Height             | 27.4 cm |
| Package 1 Width              | 27.4 cm |
| Package 1 Length             | 51.8 cm |
| Package 1 Weight             | 50 kg   |