

# EVCP100D5W20

electronic VAR compensator/static VAR generator, PowerLogic AccuSine EVC+, 100 kvar, 208-480 V, IP20 wall mount



## Main

|                           |                            |
|---------------------------|----------------------------|
| Product name              | AccuSine EVC+              |
| Product or component type | Electronic VAR compensator |

## Complementary

|                               |                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Network type                  | 3P                                                                                                                      |
| Network configuration         | 3 or 4 wires                                                                                                            |
| Network rated voltage         | 208...480 V AC                                                                                                          |
| Network frequency             | 50/60 Hz +/- 3 % auto-sensing                                                                                           |
| Maximum permissible voltage   | 1.1 x Un                                                                                                                |
| Reactive power rating         | 100 Kvar 380 V AC 50/60 Hz<br>100 Kvar 480 V AC 50/60 Hz<br>63 Kvar 240 V AC 50/60 Hz<br>55 kvar 208 V AC 50/60 Hz      |
| Operating mode                | Power factor correction<br>Displacement power factor correction<br>Mains current balancing<br>Phase harmonic correction |
| Installation location         | Indoor                                                                                                                  |
| Enclosure mounting            | Wall mounted                                                                                                            |
| Protection type               | Internal by fuse                                                                                                        |
| Disconnect type               | Electronic                                                                                                              |
| Heat dissipation              | Rear plenum with forced ventilation for high heat flow                                                                  |
| Electromagnetic compatibility | Emission tests, class A conforming to EN 61000-6-4<br>Immunity for industrial environments conforming to EN 61000-6-2   |
| Accessibility for operation   | Front                                                                                                                   |
| Location of connection        | Bottom                                                                                                                  |

## Environment

|                                       |                                                                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Enclosure degree of protection        | IP20                                                                                                                                                                             |
| Environmental characteristic          | Operating: 3C2 conforming to IEC 60721-3-3<br>Operating: 3S2 conforming to IEC 60721-3-3<br>Storage: 3C3 conforming to IEC 60721-3-3<br>Storage: 3S3 conforming to IEC 60721-3-3 |
| Operating altitude                    | 1000 m<br>≤ 4800 m 1 % per 100 m<br>≤ 4800 m                                                                                                                                     |
| Ambient air temperature for operation | 0...50 °C<br>50...52 °C maximum with current derating of 2 % per °C                                                                                                              |
| Relative humidity                     | 0...95 %                                                                                                                                                                         |
| PCBA protection                       | Conformal coated                                                                                                                                                                 |

|                                     |                                                                            |
|-------------------------------------|----------------------------------------------------------------------------|
| Standards                           | CSA C22.2 No 14<br>ISO 9001<br>IEEE 519-2014<br>IEC 62477-1<br>IEC 61439-1 |
| Product certifications              | CE[RETURN]RCM                                                              |
| Ambient air temperature for storage | -20...60 °C                                                                |
| Net weight                          | 90 kg                                                                      |
| Height                              | 1260 mm                                                                    |
| Width                               | 440 mm                                                                     |
| Depth                               | 280 mm                                                                     |
| Colour                              | White                                                                      |

### Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 32 cm    |
| Package 1 Width              | 50.5 cm  |
| Package 1 Length             | 133.5 cm |
| Package 1 Weight             | 102.3 kg |

### Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           | <a href="#"> REACH Declaration</a>               |
| EU RoHS Directive          | Compliant with Exemptions                                                                                                         |
| Mercury free               | Yes                                                                                                                               |
| China RoHS Regulation      | <a href="#"> China RoHS Declaration</a>        |
| RoHS exemption information | <a href="#"> Yes</a>                           |
| Environmental Disclosure   | <a href="#"> Product Environmental Profile</a> |
| Circularity Profile        | <a href="#"> End Of Life Information</a>       |