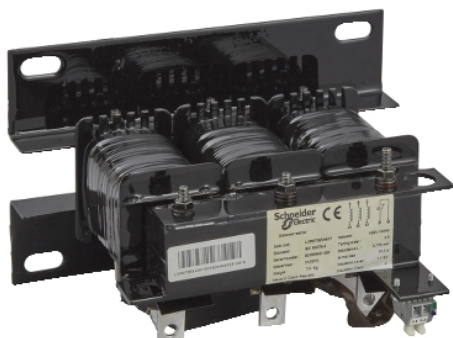




### Main

|                           |                             |
|---------------------------|-----------------------------|
| Range                     | VarPlus                     |
| Device short name         | DR                          |
| Product or component type | Detuned reactor             |
| Network frequency         | 50 Hz                       |
| Reactive power rating     | 6.5 kvar for 400 V AC 50 Hz |
| Network rated voltage     | 400 V AC 50 Hz              |
| Tuning order              | 3.8 - 190 Hz - 7 % - 50 Hz  |

### Complementary

|                                             |                                                         |
|---------------------------------------------|---------------------------------------------------------|
| Power losses (max)                          | 100 W                                                   |
| Value of inductance                         | 5.775 mH                                                |
| Inductance tolerance                        | - 5 % to 5 % per phase                                  |
| Fundamental current rating                  | 9.4 A                                                   |
| RMS current rating                          | 10.1 A                                                  |
| Electrical insulation class                 | Class H                                                 |
| [Ui] rated insulation voltage               | 1.1 kV                                                  |
| Dielectric test voltage                     | 4 kV 50 Hz 1 minute                                     |
| [Imp] maximum permanent current             | 1.2 x I1                                                |
| Harmonic current spectrum                   | 3.7 % x I3<br>38.2 % x I5<br>13.6 % x I7<br>4.9 % x I11 |
| Dynamic withstand current                   | 2.2 x Isc                                               |
| [Ith] conventional free air thermal current | 2 A at 250 V AC 50 Hz                                   |
| Type of installation                        | Indoor installation                                     |
| Type of cooling                             | Forced convection                                       |
| Connections - terminals                     | Pad terminal                                            |
| Fixing center                               | 200 x 125 mm                                            |
| Height                                      | 220 mm                                                  |
| Width                                       | 240 mm                                                  |
| Depth                                       | 160 mm                                                  |
| Net weight                                  | 7.5 kg                                                  |

### Environment

|                                               |                                                                                                                                                                                              |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                                     | IEC 60068                                                                                                                                                                                    |
| IP degree of protection                       | IP00                                                                                                                                                                                         |
| Operating altitude                            | <= 2000 m                                                                                                                                                                                    |
| Ambient air temperature for operation         | 0...55 °C at <= 1000 m<br>0...50 °C at > 1000...2000 m                                                                                                                                       |
| Average ambient air temperature for operation | 50 °C at <= 1000 m (average over 24 hours)<br>40 °C at <= 1000 m (average over 1 year)<br>45 °C at > 1000...2000 m (average over 24 hours)<br>35 °C at > 1000...2000 m (average over 1 year) |
| Climatic withstand                            | Relative humidity: 20...80 %<br>Salt mist (400 V/50 Hz) : 250 hours                                                                                                                          |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 8 kg    |
| Package 1 Height             | 24 cm   |
| Package 1 width              | 29.5 cm |
| Package 1 Length             | 30.5 cm |
| Unit Type of Package 2       | P12     |
| Number of Units in Package 2 | 16      |
| Package 2 Weight             | 143 kg  |
| Package 2 Height             | 50 cm   |
| Package 2 width              | 80 cm   |
| Package 2 Length             | 120 cm  |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           | <a href="#"> REACH Declaration</a>               |
| REACH free of SVHC         | Yes                                                                                                                               |
| EU RoHS Directive          | Compliant <a href="#"> EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes                                                                                                                               |
| Mercury free               | Yes                                                                                                                               |
| RoHS exemption information | <a href="#"> Yes</a>                             |
| China RoHS Regulation      | <a href="#"> China RoHS Declaration</a>         |
| Environmental Disclosure   | <a href="#"> Product Environmental Profile</a> |