

## Product No: SD3-100-275-N

### NOVARIS SURGE DIVERTER, 3-PHASE, 100KA, 275VAC SD3-100-275-N

#### FEATURES

- Parallel redundant arrangement
- All mode protection
- Active Monitoring
- Safe Metal Enclosure
- Suit for point of entry protection at main switchboards (MSB)



#### General Information

|              |                         |
|--------------|-------------------------|
| Brand        | NOVARIS                 |
| Product Type | Surge Protection Device |
| Series       | SD3                     |

#### Technical Attributes

|  |                        |
|--|------------------------|
| Connection Type  | Shunt                  |
| Lightning Impulse Current (10/350 $\mu$ s) - Iimp (kA)           | 12.5 (L-N), 15 (N-PE)  |
| Maximum Continuous Operating Voltage MCOV AC (V)                 | 275 (L-N), 255 (N-PE)  |
| Maximum Discharge Current (8/20 $\mu$ s) - I <sub>max</sub> (kA) | 100 (L-N), 60 (N-PE)   |
| No. of Phases  | 3                      |
| No. of Poles   | 3P+N+PE                |
| Nominal Discharge Current (8/20 $\mu$ s) - I <sub>n</sub> (kA)   | 40 (L-N), 50 (N-PE)    |
| Nominal Voltage AC (V)   | 230                    |
| Voltage Protection Level - U <sub>p</sub> (kV)                   | <1.5 (L-N) <1.3 (N-PE) |

#### Physical Attributes

|                                    |           |
|------------------------------------|-----------|
| Mounting Type                      | Panel     |
| Operational Temperature Range (°C) | -40 to 70 |

#### Dimensions

|                 |                   |
|-----------------|-------------------|
| Dimensions (mm) | 200W x 80H x 200L |
|-----------------|-------------------|

Weight (kg) 1.8

### Protection & Standards

Degree of Protection IP20

Standards and Approvals IEC 61643-11, AS/NZS 1768, UL 1449, IEEE 62.41.2

### Resources

Product catalogue (Flipbook) [Download from here](#)

## TECHNICAL DRAWING

