

# Product datasheet

Specifications



## Easy9 surge arrester - 1P + N - 230 V - 20000 A

Local distributor code: 407001204    EZ9L33620

### Main

|                           |                                     |
|---------------------------|-------------------------------------|
| Range of product          | Easy9                               |
| Product or component type | Surge arrester                      |
| Device short name         | Easy9 SPD                           |
| Poles                     | 1P + N                              |
| Remote signalling         | Without                             |
| Surge arrester type       | Electrical distribution network     |
| Earthing system           | TT<br>TN-S                          |
| Disconnecter device type  | Associated circuit breaker at 230 V |

### Complementary

|                                           |                                                               |
|-------------------------------------------|---------------------------------------------------------------|
| Surge arrester class type                 | Type 2                                                        |
| Surge arrester technology                 | MOV + GDT                                                     |
| Nominal discharge current                 | Common mode: 10 kA (N/PE)<br>Common mode: 10 kA (L/N)         |
| Maximum discharge current                 | Differential mode: 20 kA L/N<br>Differential mode: 20 kA N/PE |
| [Uc] maximum continuous operating voltage | Differential mode: 275 V L/N<br>Differential mode: 275 V N/PE |
| Maximum [Up] voltage protection level     | Differential mode <1.3 kV type 2 L/N                          |
| Local signalling                          | Green and red flag                                            |
| Mounting mode                             | Clip-on                                                       |
| Mounting support                          | DIN rail                                                      |
| 9 mm pitches                              | 4                                                             |
| Height                                    | 90 mm                                                         |
| Width                                     | 36 mm                                                         |
| Depth                                     | 66.2 mm                                                       |
| Colour                                    | Grey (RAL 7035)                                               |
| Response time                             | <= 25 ns                                                      |
| Connections - terminals                   | Tunnel type terminal (downside) 5...35 mm² solid or flexible  |
| Tightening torque                         | 3.5 N.m                                                       |

| Environment                           |                   |
|---------------------------------------|-------------------|
| Standards                             | IEC 61643-11      |
| Product certifications                | GOST<br>EAC       |
| IP degree of protection               | IP20 on terminal: |
| Relative humidity                     | 5...90 %          |
| Operating altitude                    | 2000 m            |
| Ambient air temperature for operation | -5...60 °C        |
| Ambient air temperature for storage   | -5...70 °C        |

| Packing Units                |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 216 g     |
| Package 1 Height             | 4.7 cm    |
| Package 1 width              | 8 cm      |
| Package 1 Length             | 10.3 cm   |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 57        |
| Package 2 Weight             | 12.837 kg |
| Package 2 Height             | 30 cm     |
| Package 2 width              | 30 cm     |
| Package 2 Length             | 40 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<br><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><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

| Contractual warranty |           |
|----------------------|-----------|
| Warranty             | 18 months |