# Product data sheet
## Characteristics

# A9L16313
## cartridge C neutral-350 for surge arrester iQuick PRD




## Main

| | |
|---|---|
| Range | Acti9 |
| Product or component type | Cartridge |
| Device short name | C neutral-350 |
| Range compatibility | Acti9 iQuick PRD40r<br>Acti9 iQuick PRD20r<br>Acti9 iQuick PRD8r |
| Surge arrester type | Electrical distribution network |
| Standards | EN 61643-11<br>IEC 61643-1 |
| Product certifications | KEMA-KEUR[RETURN]NF |

## Complementary

| | |
|---|---|
| Surge arrester class type | Type 2 |
| Surge arrester technology | GDT |
| Product destination | Surge protection device iQuick PRD40r 1P + N<br>Surge protection device iQuick PRD40r 3P + N<br>Surge protection device iQuick PRD20r 1P + N<br>Surge protection device iQuick PRD20r 3P + N<br>Surge protection device iQuick PRD8r 1P + N<br>Surge protection device iQuick PRD8r 3P + N |
| Earthing system | TT<br>TN |
| [Ue] rated operational voltage | 230 V AC 50 Hz |
| Nominal discharge current | 20 KA |
| Maximum discharge current | 65 KA |
| [Uc] maximum continuous operating voltage | 264 V |
| Maximum [Up] voltage protection level | 1.5 KV type 2 |
| Local signalling | Flag (white/red) |
| Mounting mode | Plug-in |
| Mounting support | Into SPD module |
| 9 mm pitches | 1.3 |
| Height | 50 Mm |
| Width | 12 Mm |
| Depth | 57 Mm |
| Colour | White (RAL 9003) |
| Material | PBT (polybutylene terephthalate) |
| Response time | < 25 ns |

## Environment

| | |
|---|---|
| IP degree of protection | IP20 front face: |
| Relative humidity | 5…95 % |
| Operating altitude | 0...2000 m |
| Ambient air temperature for operation | -25…60 °C |
| Ambient air temperature for storage | -40…70 °C |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.300 Cm |
| Package 1 Width | 6.800 Cm |
| Package 1 Length | 9.600 Cm |
| Package 1 Weight | 48.000 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 8.500 Cm |
| Package 2 Width | 10.900 Cm |
| Package 2 Length | 26.300 Cm |
| Package 2 Weight | 663.000 G |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 108 |
| Package 3 Height | 30.000 Cm |
| Package 3 Width | 30.000 Cm |
| Package 3 Length | 40.000 Cm |
| Package 3 Weight | 6.680 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 41 |
| Total lifecycle Carbon footprint | 0.4 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.280425932504554 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.3 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.00933176597526049 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.00330654948948592 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 kg CO2 eq. |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.116953018838119 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.1 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 1 |
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| SCIP Number | A9614fa2-07f8-47d1-a2fe-e27b32003d8d |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| California proposition 65 | WARNING: This product can expose you to chemicals including: DINP, which is known to the Stat |
| PVC free | Yes |
| End of life manual availability | End Of Life Information |

| | |
|---|---|
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection a |

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised