

# Product datasheet

Specifications



## cartridge C40-800 PV for surge arrester iPRD-DC

A9L40172

### Main

range of product	Acti9
Product or component type	Cartridge
Device short name	C40-800 PV
Range compatibility	Acti9 iPRD PV-DC
Surge arrester type	Electrical distribution network
Standards	EN/IEC 61643-31
Quality labels	CE

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
Product destination	Surge protection device iPRD PV-DC 2P
Nominal discharge current	15 kA
Maximum discharge current	40 kA
[Uc] maximum continuous operating voltage	800 V DC
Maximum [Up] voltage protection level	<1.4 kV type 2
[Uoc] open circuit voltage	666 V
Local signalling	Flag (white/red)
Mounting mode	Plug-in
Mounting support	Into SPD module
9 mm pitches	2
Height	57 mm
Width	18 mm
Depth	56 mm
Net weight	0.51 kg
Colour	White (RAL 9003)
Material	PBT (polybutylene terephthalate)
Response time	< 25 ns

### Environment

IP degree of protection	IP20 front face:
Relative humidity	5...90 %

---

Operating altitude	0...2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

---

## Packing Units

---

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.3 cm
Package 1 Width	7.5 cm
Package 1 Length	9.5 cm
Package 1 Weight	75 g
Unit Type of Package 2	S03
Number of Units in Package 2	108
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	9.241 kg

---

## Contractual warranty

---

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

---



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

395b2a94-ee85-4cf4-a2ee-2c3d496fb72e

EU RoHS Directive

[Compliant](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

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 and never end up in rubbish bins