

# Product datasheet

Specifications



## iPRD40 modular surge arrester - 3P + N - 350V

A9L40600

### Main

range of product	Acti9
Product name	Acti9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	iPRD40
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Quality labels	KEMA-KEUR NF
Poles description	3P + N
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TT TN-S

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE) Differential mode: 15 kA (L/N)
[Imax] maximum discharge current	Common mode: 40 kA L/PE Common mode: 40 kA N/PE Differential mode: 40 kA L/N
[Uc] maximum continuous operating voltage	Common mode: 260 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N
Maximum [Up] voltage protection level	Common mode <1.4 kV type 2 N/PE Differential mode <1.4 kV type 2 L/N
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand 1453 V L/PE 200 ms safe failure mode

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

<b>Disconnecter device type</b>	Associated circuit breaker iC60H 40 A curve C - Icu 15 kA Associated circuit breaker IC60N 40 A curve C - Icu 10 kA Associated circuit breaker NG125H 40 A curve C - Icu 36 kA Associated circuit breaker NG125L 40 A curve C - Icu 50 kA Associated circuit breaker NG125N 40 A curve C - Icu 25 kA Associated fuse gG 63 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA
<b>Mounting mode</b>	Clip-on (DIN rail)
<b>9 mm pitches</b>	8
<b>Height</b>	85 mm
<b>width</b>	72 mm
<b>Depth</b>	69 mm
<b>Net weight</b>	0.414 kg
<b>Colour</b>	White (RAL 9003)
<b>[I<sub>pe</sub>] Ground residual current</b>	0.003 mA 0.6 mA
<b>Connections - terminals</b>	Tunnel type terminal (downside) 2.5...35 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...35 mm <sup>2</sup>
<b>Tightening torque</b>	2.5 N.m

## Environment

<b>IK degree of protection</b>	IK03 conforming to IEC 62262
<b>Relative humidity</b>	5...95 %
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	8 cm
<b>Package 1 Width</b>	8 cm
<b>Package 1 Length</b>	9 cm
<b>Package 1 Weight</b>	439 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	3
<b>Package 2 Height</b>	9 cm
<b>Package 2 Width</b>	10 cm
<b>Package 2 Length</b>	28 cm
<b>Package 2 Weight</b>	1.388 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	27
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm

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Package 3 Weight 13.068 kg

## Contractual warranty

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Warranty 18 months

## 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.

[How this information helps you >](#)

### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **No**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant**

SCIP Number **A9614fa2-07f8-47d1-a2fe-e27b32003d8d**

REACH Regulation [REACH Declaration](#)

China RoHS Regulation [China RoHS declaration](#)

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back **No**