Product datasheet

Specifications



Cartridge, Acti9 iPRD F40, for surge arrester iPRD F40r 1P+N/3P+N, type 2+3, L-N protection mode, with fuse

A9L8F492

EAN Code: 3606487695264

Main

range of product	Acti9
Product or component type	Cartridge
Device short name	iPRD F40
Range compatibility	Acti9 iPRD F40r
Surge arrester type	Electrical distribution network
Standards	IEC 61643-11:2011 BS EN 61643-11:2012+A11:2018
Quality labels	UKCA

Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV
Product destination	Surge protection device iPRD F40r 1P + N Surge protection device iPRD F40r 3P + N
Condition of use	Fuse (integrated)
Earthing system	TT TN-S
[Ue] rated operational voltage	240 V AC 50/60 Hz
Nominal discharge current	Differential mode: 20 kA (L/N)
Maximum discharge current	Differential mode: 40 kA L/N
[Uc] maximum continuous operating voltage	Differential mode: 340 V L/N
Maximum [Up] voltage protection level	Differential mode <1.5 kV L/N
[Uoc] open circuit voltage	6000 V differential mode L/N
[Ut] temporary overvoltage	340 V L/N 5 s withstand 442 V L/N 120 min safe failure mode
Short-circuit withstand	25 kA
Local signalling	Operating state: flag (green) Fault indication: flag (red)
Mounting mode	Plug-in
Mounting support	Into SPD module
Height	45 mm
Width	18 mm
Depth	58 mm

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

Net weight	68 g
Colour	White (RAL 9003)
Material	Thermoplastic
Response time	< 25 ns

Environment

Relative humidity	5…95 %
Operating altitude	0...2000 m
Ambient air temperature for operation	-40…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.500 cm
Package 1 Width	14.000 cm
Package 1 Length	15.000 cm
Package 1 Weight	124.000 g

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

Total lifecycle Carbon footprint	**5 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**3 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.3 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**1 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.6 kg CO2 eq.**

Use Better

Materials and Substances

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

Recyclability potential, in %	**51**
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**

Technical Illustration

Assembly's dimensions

