

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	

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

Environment

Relative humidity	595 %
Operating altitude	02000 m
Ambient air temperature for operation	-4085 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15 cm
Package 1 Width	14.1 cm
Package 1 Length	3.6 cm
Package 1 Weight	138 g
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1.143 kg

Contractual warranty

Warranty 18 months



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	

Use Better

EU RoHS Directive	Compliant
SCIP Number	A9614fa2-07f8-47d1-a2fe-e27b32003d8d
REACh Regulation	REACh Declaration

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