

# A9L2F900

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



## Main

Range of product	Acti9
Product name	Acti9 iPRD
Product or component type	Cartridge
Device short name	iPRD F40r
Range compatibility	Acti9 Acti9 iPRD iPRD F40r surge arrester with pluggable cartridge
Surge arrester type	Electrical distribution network

## Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV
Product destination	Surge protection device iPRD F40r 3P[RETURN]Surge protection device iPRD F40r 3P + N
Provided equipment	Fuse (integrated)
Earthing system	TT TN-S TN-C
[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: 300 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	337 V L/N 5 s withstand 442 V L/N 120 min safe failure mode
Short-circuit withstand	50 kA
Local signalling	Operating state: flag (green) Fault indication: flag (red)
Mounting mode	Plug-in
Mounting support	Into SPD module
9 mm pitches	2
Height	45 mm
Width	18 mm
Depth	57.2 mm
Net weight	69 g
Colour	White (RAL 9003)
Material	Thermoplastic
Response time	< 25 ns

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## Environment

Standards	IEC 61643-11:2011 EN 61643-11:2012 EN 61643-11:2018/A11
Product certifications	CE
IP degree of protection	IP20
Relative humidity	5...95 %
Operating altitude	0...4000 m
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	7.6 cm
Package 1 Width	5.4 cm
Package 1 Length	2.8 cm
Package 1 Weight	86 g
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	2.379 kg
Unit Type of Package 3	P12
Number of Units in Package 3	768
Package 3 Height	750 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	88.128 kg

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>