Product data sheet
Characteristics

A9L16569
iPRD40 modular surge arrester - 3 poles + N - 340V

Discontinued

Commercial status

Discontinued on: 17 July 2020

End-of-service on: 17 July 2020

Main

Range of product	Acti 9
Product name	Acti 9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD
Device application	Distribution
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 V AC (+/- 10 %) at 50/60 Hz 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: 340 V L/PE Common mode: 260 V N/PE Differential mode: 340 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
Disconnector device type	Associated circuit breaker IC60N 40 A curve C - Icu 10 kA Associated circuit breaker iC60H 40 A curve C - Icu 15 kA Associated circuit breaker iC60L 40 A curve C - Icu 25 kA
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	81 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

Width	72 mm
Depth	69 mm
Colour	White (RAL 9003)
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal (downside) 2.5…35 mm² Tunnel type terminal (upside) 2.5…35 mm²
Tightening torque	2.5 N.m

Environment

Standards	EN 61643-11 IEC 61643-11
Product certifications	CE
Quality labels	KEMA-KEUR NF OVE
IP degree of protection	IP40 on front face: conforming to IEC 60529 IP20 built-in: conforming to IEC 60529
IK degree of protection	IK03 conforming to IEC 62262
Relative humidity	5…90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25…60 °C
Ambient air temperature for storage	-40…85 °C

Packing Units

Package 1 Weight	0.415 kg
Package 1 Height	0.700 dm
Package 1 width	0.800 dm
Package 1 Length	0.850 dm

Contractual warranty

Warranty	18 months

A9L16569 is replaced by:

Surge arresters A9L40600

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

Qty 1