

Product data sheet

Specifications



Repacked, modular surge arrester, Acti9, 3P+N, 350VAC, with remote transfer

A9L16300W

 This repacked option saves 7.665 over the standard condition

Main

Range of product	IQuick PRD
range of product	Acti9
Product name	Acti9 iQuick PRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	iQuick PRD8r
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	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TT TN-S

Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 2 kA (L/PE) Common mode: 2 kA (N/PE) Differential mode: 2 kA (L/N)
Maximum discharge current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE Differential mode: 8 kA L/N
[Uoc] open circuit voltage	10 kV type 3 common mode L/PE 10 kV type 3 common mode N/PE 10 kV type 3 differential mode L/N
[Uc] maximum continuous operating voltage	Common mode: 264 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N

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

Maximum [Up] voltage protection level	Common mode <1.5 kV type 2 L/PE Common mode <1.7 kV type 2 N/PE Differential mode <1.2 kV type 2 L/N Common mode <1.4 kV type 3 L/PE Differential mode <1.4 kV type 3 L/N Common mode <1.5 kV type 3 N/PE
Disconnecter device type	Integrated circuit breaker - Icu 25 kA
Signalling circuit voltage	2 A/250 V AC 50/60 Hz
Mounting mode	Clip-on (DIN rail)
9 mm pitches	14.6
Height	94 mm
Width	131.5 mm
Depth	75.9 mm
Product weight	0.84 kg
Colour	White (RAL 9003)
Connections - terminals	Tunnel type terminal (downside) 2.5...25 mm² Tunnel type terminal (upside) 2.5...25 mm²
Tightening torque	2.5 N.m
Compatibility code	IQuick PRD8r

Environment

IK degree of protection	IK05 conforming to IEC 62262
Relative humidity	5...95 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C
Circular nature	Repacked

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.700 cm
Package 1 Width	11.500 cm
Package 1 Length	15.500 cm
Package 1 Weight	848.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.393 kg

Contractual warranty

Warranty (in months)	18
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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

Lower carbon footprint

8 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

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

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins