



### Main

Range of product	Acti 9
Product name	Acti 9 iPRD-DC
Device short name	IPRD-DC
Product or component type	Surge arrester with pluggable cartridge
Poles description	2P
Output type	Contact (volt-free)
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	600 V (+/- 10 %) DC
[In] nominal discharge current	15 kA
[Imax] maximum discharge current	40 kA
[Ucpv] maximum continuous operating voltage	Differential mode : 840 V L+/L- Common mode : 600 V L+/PE Common mode : 600 V L-/PE
[Up] voltage protection level	<= 2.8 kV type 2 differential mode L+/L- <= 2.8 kV type 2 common mode L+/PE <= 2.8 kV type 2 common mode L-/PE
Disconnecter device type	Integrated disconnecter
Local signalling	Flag color: white/red
Signalling circuit voltage	AC : 250 V 50/60 Hz
Signalling output current	0.25 A
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6

Height	81 mm
Width	54 mm
Depth	69 mm
Product weight	0.4 kg
Colour	White ( RAL 9003 )
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal 2.5...16 mm <sup>2</sup> flexible Tunnel type terminal 2.5...16 mm <sup>2</sup> flexible with ferrule Tunnel type terminal 2.5...25 mm <sup>2</sup> rigid
Wire stripping length	14 mm
Tightening torque	3.5 N.m

## Environment

Standards	UTE C 61740-51 EN 50539-11
Product certifications	CE
IP degree of protection	On front face : IP40 On terminal : IP20
IK degree of protection	IK03
Relative humidity	5...90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference contains SVHC above the threshold - Go to CaP for more details <a href="#">Go to CaP for more details</a>
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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## A9L16434 is replaced by:



### Surges arresters A9L40271

iPRD-DC 40r 800PV modular surge arrester - 2P - 840VDC - with remote transfert

Qty 1

Reason for Substitution: End of life | Substitution date: 22 November 2017