



### Main

Range	Acti 9
Product name	Acti 9 iPRD PV-DC
Device short name	iPRD PV-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
[Uoc] open circuit voltage	833 V

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	1000 V +/- 10 % DC
Nominal discharge current	15 KA
Maximum discharge current	40 KA
[Uc] maximum continuous operating voltage	Differential mode: 1000 V L+/L- Common mode: 1000 V L+/PE Common mode: 1000 V L-/PE
Maximum [Up] voltage protection level	Common mode <3.9 kV type 2 L+/PE Common mode <3.9 kV type 2 L-/PE Differential mode <3.9 kV type 2 L+/L-
Disconnecter device type	Integrated disconnecter
Local signalling	White/Red flag
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	85 Mm
Width	54 Mm
Depth	69 Mm
Net weight	400 G
Colour	White (RAL 9003)
Response time	<= 25 ns

Connections - terminals	Tunnel type terminal 2.5...25 mm <sup>2</sup> rigid Tunnel type terminal 2.5...16 mm <sup>2</sup> flexible Tunnel terminal 2.5...16 mm <sup>2</sup> flexible with ferrule
Wire stripping length	14 Mm
Tightening torque	3.5 N.M

## Environment

Standards	EN 50539-11:2013 UTE C 61740-51
Product certifications	CE
IP degree of protection	IP40 on front face: IP20 on terminal:
IK degree of protection	IK03
Relative humidity	5...95 %
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	0.383 Kg
Package 1 Height	0.700 Dm
Package 1 width	0.540 Dm
Package 1 Length	0.850 Dm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**