



### Main

Range of product	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	666 V

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	800 V +/- 10 % DC
[In] nominal discharge current	15 kA
[Imax] maximum discharge current	40 kA
[Ucpv] maximum continuous operating voltage	Differential mode: 800 V L+/L- Common mode: 800 V L+/PE Common mode: 800 V L-/PE
Maximum [Up] voltage protection level	Differential mode <3 kV type 2 L+/L- Common mode <3 kV type 2 L+/PE Common mode <3 kV type 2 L-/PE
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 type terminal 2.5...16 mm <sup>2</sup> flexible stranded
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	0.371 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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