



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	833 V

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	1000 V +/- 10 % DC
[In] nominal discharge current	15 kA
[Imax] maximum discharge current	40 kA
[Ucpv] 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 ² rigid Tunnel type terminal 2.5...16 mm ² flexible Tunnel terminal 2.5...16 mm ² 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	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information

Contractual warranty

Warranty	18 months
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