



### Main

Range	Acti 9
Product name	Acti9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD65r
Device application	Distribution
Poles description	4P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TN-C-S

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 20 kA (L/PE) Common mode: 20 kA (N/PE)
Maximum discharge current	Common mode: 65 kA L/PE Common mode: 65 kA N/PE
[Uc] maximum continuous operating voltage	Common mode: 350 V L/PE Common mode: 350 V N/PE
Maximum [Up] voltage protection level	Common mode <1.5 kV type 2 L/PE Common mode <1.5 kV type 2 N/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode
Disconnecter device type	Associated circuit breaker IC60N 50 A curve C - Icu 10 kA Associated circuit breaker iC60H 50 A curve C - Icu 15 kA Associated circuit breaker NG125N 50 A curve C - Icu 25 kA Associated circuit breaker NG125H 100 A curve C - Icu 36 kA Associated circuit breaker NG125L 100 A curve C - Icu 50 kA Associated fuse gG 80 A - Icu 50 kA
Short-circuit withstand	50 KA
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	85 Mm
Width	72 Mm

Depth	69 Mm
Net weight	0.517 Kg
Colour	White (RAL 9003)
Response time	<= 25 ns
Residual current	0.6 MA 0.003 MA
Connections - terminals	Tunnel type terminal (downside) 2.5...35 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...35 mm <sup>2</sup>
Tightening torque	2.5 N.M






## Environment

Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Quality labels	KEMA-KEUR NF
IP degree of protection	IP40 on front face: conforming to IEC 60529 IP20 built-in: conforming to IEC 60529
IK degree of protection	IK03 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...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	544.0 G
Package 1 Height	7.7 Cm
Package 1 width	8.2 Cm
Package 1 Length	9.2 Cm
Unit Type of Package 2	P12
Number of Units in Package 2	216
Package 2 Weight	136.8 Kg
Package 2 Height	45 Cm
Package 2 width	80 Cm
Package 2 Length	120 Cm
Unit Type of Package 3	S03
Number of Units in Package 3	27
Package 3 Weight	15.774 Kg
Package 3 Height	30 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm

## 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>

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Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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### Contractual warranty

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