

# Product data sheet

Specifications



## iPRD65r modular surge arrester - 1P - 350V - with remote transfert

A9L65101

### Main

Range of product	Acti9
Product name	Acti9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	iPRD65r
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Quality labels	KEMA-KEUR NF
Poles description	1P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	IT 230 TN-C

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 20 kA (L/PE) Common mode: 20 kA (N/PE)
[Imax] maximum discharge current	Common mode: 65 kA L/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
[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

<b>Signalling circuit voltage</b>	0.25 A/250 V AC 50/60 Hz
<b>Mounting mode</b>	Clip-on (DIN rail)
<b>9 mm pitches</b>	2
<b>Height</b>	85 mm
<b>Width</b>	18 mm
<b>Depth</b>	69 mm
<b>Net weight</b>	0.136 kg
<b>Colour</b>	White (RAL 9003)
<b>[Ipe] Ground residual current</b>	0.003 mA 0.6 mA
<b>Connections - terminals</b>	Tunnel type terminal (downside) 2.5...35 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...35 mm <sup>2</sup>
<b>Tightening torque</b>	2.5 N.m

## Environment

<b>IK degree of protection</b>	IK03 conforming to IEC 62262
<b>Relative humidity</b>	5...95 %
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	158 g
<b>Package 1 Height</b>	2 cm
<b>Package 1 width</b>	7 cm
<b>Package 1 Length</b>	9 cm
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	12
<b>Package 2 Weight</b>	1.987 kg
<b>Package 2 Height</b>	8 cm
<b>Package 2 width</b>	10 cm
<b>Package 2 Length</b>	27.5 cm
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	108
<b>Package 3 Weight</b>	18.596 kg
<b>Package 3 Height</b>	30 cm
<b>Package 3 width</b>	30 cm
<b>Package 3 Length</b>	40 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
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<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

<b>Warranty</b>	18 months
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