

# iPRD20 modular surge arrester - 1P + N - 350V

Local distributor code:

402640453 A9L20500

EAN Code: 3606480506499

## Main

Range of product	IPRD	
range of product	Acti9	
product name	Acti9 iPRD	
Product or component type	Surge arrester with pluggable cartridge	
Device short name	iPRD20	
Device application	Distribution	
Standards	EN 61643-11:2012 IEC 61643-11:2011	
Product certifications	CE	
Quality labels	KEMA-KEUR NF	
Poles description	1P + N	
Remote signalling	Without	
Surge arrester type	Electrical distribution network	
Earthing system	TT TN-S	

# Complementary

Surge arrester class type	Type 2	
Surge arrester technology	MOV + GDT	
[Ue] rated operational voltage	230 V AC (+/- 10 %) at 50/60 Hz	
Nominal discharge current	Common mode: 5 kA (L/PE) Common mode: 5 kA (N/PE) Differential mode: 5 kA (L/N)	
Maximum discharge current	Common mode: 20 kA L/PE Common mode: 20 kA N/PE Differential mode: 20 kA L/N	
[Uc] maximum continuous operating voltage	Common mode: 260 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N	
Maximum [Up] voltage protection level	Differential mode <1.1 kV type 2 L/N Common mode <1.4 kV type 2 N/PE	
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand 1453 V L/PE 200 ms safe failure mode	

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Disconnector device type	Associated circuit breaker IC60N 20 A curve C - Icu 10 kA Associated circuit breaker iC60H 20 A curve C - Icu 15 kA Associated circuit breaker iC60L 20 A curve C - Icu 25 kA Associated circuit breaker NG125H 20 A curve C - Icu 36 kA Associated circuit breaker NG125L 20 A curve C - Icu 50 kA Associated fuse gG 40 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA	
Mounting mode	Clip-on (DIN rail)	
9 mm pitches	4	
Height	85 mm	
Width	36 mm	
Depth	69 mm	
Product weight	0.211 kg	
Colour	White (RAL 9003)	
[lpe] Ground residual current	0.6 mA 0.003 mA	
Connections - terminals	Tunnel type terminal (downside) 2.535 mm <sup>2</sup> Tunnel type terminal (upside) 2.535 mm <sup>2</sup>	
Tightening torque	2.5 N.m	
Compatibility code	IPRD20	

## **Environment**

IK degree of protection	IK03 conforming to IEC 62262	
Relative humidity	595 %	
Operating altitude	2000 m	
Ambient air temperature for operation	-2560 °C	
Ambient air temperature for	-4085 °C	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.2 cm
Package 1 Width	7.2 cm
Package 1 Length	9.2 cm
Package 1 Weight	236 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.5 cm
Package 2 Width	10 cm
Package 2 Length	28 cm
Package 2 Weight	1.48 kg
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	30 cm
Package 3 Width	30 cm

Package 3 Length	40 cm	
Package 3 Weight	13.878 kg	

## **Logistical informations**

Country of origin

## **Contractual warranty**

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

#### Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

Environmental Disclosure

Product Environmental Profile

#### **Use Better**

Packaging made with recycled cardboard	No	
Packaging without single use plastic	No	
EU RoHS Directive	Compliant	
SCIP Number	A9614fa2-07f8-47d1-a2fe-e27b32003d8d	
REACh Regulation	REACh Declaration	

#### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins