# A9L08500

# iPRD8 modular surge arrester - 1P + N - 350V





#### Main

Range of product	Acti9
Product name	Acti9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	iPRD8
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	TN-S TT

#### Complementary

1	
rge arrester class type	Type 2 + 3
rge arrester technology	MOV + GDT
e] rated operational voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
] nominal discharge current	Common mode: 2.5 kA (L/PE) Common mode: 2.5 kA (N/PE) Differential mode: 2.5 kA (L/N)
nax] maximum discharge current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE Differential mode: 8 kA L/N
oc] open circuit voltage	10 KV type 3 common mode N/PE 10 kV type 3 differential mode L/N
c] maximum continuous operating voltage	Common mode: 260 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N
aximum [Up] voltage protection level	Common mode <1.1 kV type 3 N/PE Differential mode <1 kV type 2 L/N Differential mode <1.1 kV type 3 L/N Common mode <1.4 kV type 2 N/PE
t] 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
sconnector device type	Associated circuit breaker iC60L 10 A curve C - Icu 25 kA[RETURN]Associated circuit breaker IC60N 10 A curve C - Icu 10 kA[RETURN]Associated circuit breaker iC60H 10 A curve C - Icu 15 kA[RETURN]Associated fuse gG 25 A - Icu 15 kA[RETURN]Associated fuse gG 80 A - Icu 50 kA
ounting mode	Clip-on (DIN rail)
nm pitches	4
ight	85 mm
dth	36 mm
pth	69 mm
et weight	0.211 kg
lour	White (RAL 9003)
e] Ground residual current	0.6 MA 0.003 mA
epth et weight olour	69 mm 0.211 kg White (RAL 9003) 0.6 MA

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interested for a set of or determining suitability or intelability of these products for specific user applications. It is the documentation is not integrator to perform the appropriate and complete risk analysis, evaluating of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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	

### 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 storage	-4085 °C

### **Packing Units**

I acking Office	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.2 cm
Package 1 Width	7.5 cm
Package 1 Length	9 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	1.477 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	13.831 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	<sup>™</sup> REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EEU RoHS Declaration
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	₫Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	☐ End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

### Contractual warranty

\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	40
Warranty	18 Months