A9L40501

iPRD40r modular surge arrester - 1P + N - 350V - with remote transfert





Main

Range of product	Acti9	
Product name	Acti9 iPRD	
Product or component type	Surge arrester with pluggable cartridge	
Device short name	iPRD40r	
Device application	Distribution	
Standards	EN 61643-11:2012 IEC 61643-11:2011	
Product certifications	CE	
Quality labels	NF KEMA-KEUR	
Poles description	1P + N	
Remote signalling	With	
Signal contacts composition	1 SD (1 C/O)	
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	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE) Differential mode: 15 kA (L/N)
[Imax] maximum discharge current	Common mode: 40 kA L/PE Common mode: 40 kA N/PE Differential mode: 40 kA L/N
[Uc] maximum continuous operating voltage	Common mode: 260 V N/PE Differential mode: 350 V L/N
Maximum [Up] voltage protection level	Common mode <1.4 kV type 2 N/PE Differential mode <1.6 kV type 2 L/N
[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 1455 V L/PE 200 ms safe failure mode
Disconnector device type	Associated circuit breaker iC60H 40 A curve C - Icu 15 kA Associated circuit breaker IC60N 40 A curve C - Icu 10 kA Associated circuit breaker NG125H 40 A curve C - Icu 36 kA Associated circuit breaker NG125L 40 A curve C - Icu 50 kA Associated circuit breaker NG125N 40 A curve C - Icu 25 kA Associated fuse gG 63 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on (DIN rail)
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	69 mm
Net weight	220 g
Colour	White (RAL 9003)

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 inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

[lpe] Ground residual current	0.003 MA 0.6 mA
Connections - terminals	Tunnel type terminal (top or bottom) 416 mm² flexible Tunnel type terminal (top or bottom) 416 mm² flexible with ferrule Tunnel type terminal (top or bottom) 2.525 mm² rigid
Wire stripping length	14 mm
Tightening torque	3.5 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

3	
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	248 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	27.8 cm
Package 2 Weight	1.561 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	14.552 kg

Offer Sustainability

Office Oddital lability	
Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EPEU RoHS Declaration
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	₽¥Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

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Warranty		18 months