# A9L08421

# iPRD8r modular surge arrester - 4P - IT - 460V - with remote transfert



#### Main

Range of product	Acti9
Product name	Acti9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	iPRD8r
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Poles description	4P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	IT

#### Complementary

Complementary	
Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV
[Ue] rated operational voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 2.5 kA (L/PE) Common mode: 2.5 kA (N/PE)
[Imax] maximum discharge current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE
[Uc] maximum continuous operating voltage	Common mode: 460 V L/PE
Maximum [Up] voltage protection level	Common mode <1.6 kV type 2 L/PE Common mode <1.8 kV type 3 L/PE Common mode <1.6 kV type 2 N/PE Common mode <1.8 kV type 3 N/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1455 V L/PE 200 ms safe failure mode 1455 V N/PE 200 ms safe failure mode
[Isccr] short-circuit current rating	5 kA 415 V Ph/Ph
Disconnector 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
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on (DIN rail)
9 mm pitches	8
Height	85 mm
Width	72 mm
Depth	69 mm
Net weight	450 g
Colour	White (RAL 9003)
[lpe] Ground residual current	0.6 mA
Connections - terminals	Tunnel type terminal (top or bottom) 2.525 mm² rigid Tunnel type terminal (top or bottom) 416 mm² flexible Tunnel type terminal (top or bottom) 416 mm² flexible with ferrule
Tightening torque	3.5 N.m

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### Environment

Relative humidity	595 %
Operating altitude	2000 m
Ambient air temperature for operation	-2560 °C
Ambient air temperature for storage	-4085 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	<sup>™</sup> REACh Declaration
EU RoHS Directive	Compliant EEU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	₽¥Yes
China RoHS Regulation	☑ China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	☑ End Of Life Information