



Glavno

Range	Acti 9
Product name	Acti 9 PRD1 Master
Product or component type	Surge arrester with pluggable cartridge
Device short name	PRD1 Master
Device application	Distribution
Poles description	3P + N
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TN-S TT

Komplementarno

Surge arrester class type	Type 1
Surge arrester technology	Spark gap
[Ue] rated operational voltage	230 V (+/- 10 %) AC 50 Hz 400 V (+/- 10 %) AC 50 Hz
Nominal discharge current	Common mode: 100 kA N/PE Differential mode: 25 kA L/N
[Iimp] impulse current	Common mode: 100 kA N/PE 50 A.s Differential mode: 25 kA L/N 12.5 A.s
[Uc] maximum continuous operating voltage	Common mode: 350 V N/PE Differential mode: 350 V L/N
[Up] voltage protection level	1.5 kV type 2 common mode N/PE 1.5 kV type 2 differential mode L/N
[If] follow current	50 kA differential mode L/N 0.1 kA common mode N/PE
Disconnecter device type	Associated fuse gG 315 A according to standard Associated circuit breaker Compact NSX100F 100 A curve C - Icu 36 kA Associated circuit breaker Compact NSX100N 100 A curve C - Icu 50 kA
Local signalling	Flag color: white/red
Signalling circuit voltage	1 A/250 V AC 50/60 Hz
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	16
Height	90 mm
Width	142.8 mm
Depth	70 mm
Product weight	1.31 kg
Colour	Anthracite grey (RAL 7016)
Material	PBT (polybutylene terephthalate)
Response time	< 100 ns
Connections - terminals	Tunnel type terminal, downside 2.5...35 mm ² Tunnel type terminal, upside 2.5...35 mm ²
Tightening torque	4.5 N.m

Okolina

standards	EN 61643-11: 2012 IEC 61643-11: 2011
-----------	---

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

product certifications	CE
quality labels	KEMA-KEUR
IP degree of protection	On front face: IP40 conforming to IEC 60529 Built-in: IP20 conforming to IEC 60529
IK degree of protection	IK05 conforming to IEC 62262
relative humidity	5...90 %
operating altitude	2000 m
ambient air temperature for operation	-25...60 °C
ambient air temperature for storage	-40...80 °C

Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 0601 - Schneider Electric declaration of conformity	Compliant - since 0601 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months
-----------------	-----------