



## 16331

### Surge PRD1 plug 25r - 3P 350V - deferred signage

[Features](#) | [Documents and downloads](#)

#### Main

<b>Product line</b>	PRD1
<b>Product function</b>	Arrester removable cartridge
<b>Short name of the unit</b>	PRD1 25r
<b>Description of the poles</b>	3P
<b>Remote signaling</b>	With
<b>Composition of signaling contacts</b>	SD 1 (1 C / O)
<b>Arrester type</b>	Electrical distribution network
<b>Earthing system</b>	230 IT TN-C

#### Additional

<b>Class lightning protection</b>	Type 1 + 2
<b>Arrester technology</b>	MOV Splitter
<b>[Ue] rated operational voltage</b>	230 V (+/- 10%) AC 50 Hz 400 V (+/- 10%) AC 50 Hz
<b>Nominal discharge current</b>	Common mode: 25 kA L / PE
<b>[Iimp] surge current</b>	Common mode: 25 kA L / PE 12.5 As
<b>[Uc] Maximum continuous operating voltage</b>	Common mode: VL 350 / PE
<b>[Up] Voltage protection level</b>	1.5 kV common mode type 2 L / PE
<b>[If] follow current</b>	25 kA common mode L / PE
<b>Type isolating</b>	80 A circuit breaker associated NG125N Icu 10 kA curve C circuit breaker associated NG125N 80 A Icu 15 kA curve C circuit breaker associated NG125N 80 A Icu 25 kA curve C associated fuse 315 A gG according to standard
<b>Local signaling</b>	Colour code: white / red
<b>Voltage signal circuit</b>	AC 250 V 50/60 Hz
<b>Signalling output current</b>	1 A
<b>Installation mode</b>	Snap
<b>Mounting bracket</b>	DIN Rail
<b>9 mm</b>	12
<b>Height</b>	90 mm

## Schneider Electric eShop 16331

<b>Width</b>	106.9 mm
<b>Depth</b>	70 mm
<b>Weight</b>	1.04 kg
<b>Color</b>	Anthracite gray (RAL 7016)
<b>Material</b>	PBT (polybutylene terephthalate)
<b>Response time</b>	<= 25 ns
<b>Fashion connection</b>	Terminal cage-type top 2.5 ... 35 mm <sup>2</sup> cage-type terminal below 2.5 ... 35 mm <sup>2</sup>
<b>Tightening torque</b>	4.5 Nm

## Environment

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<b>Standards</b>	EN 61643-11: 2012 IEC 61643-11: 2011
<b>Product certifications</b>	EC
<b>Quality labels</b>	KEMA-KEUR
<b>Degree of protection IP</b>	On the front panel: IP40 single device: IP20
<b>Shock resistance IK</b>	IK05
<b>Relative humidity</b>	5 ... 90%
<b>Operating altitude</b>	2000 m
<b>Operating Temperature</b>	-25 ... 60 ° C
<b>Room temperature for storage</b>	-40 ... 80 ° C

## Environmental Characteristics

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<b>Environmental status</b>	Non Green Premium product
<b>RoHS (date code: AnnéeSemaine)</b>	Compliant - since 0601 - Schneider Electric declaration of conformity
<b>REACH</b>	Reference Containing not SVHC above-the-threshold

## Contract Security

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<b>Period</b>	18 months
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