

# Product data sheet

## Characteristics

16632

modular surge arrester PRF1125r - 1 pole + N - 350 V - with remote transfer



### Main

Range of product	SPD
Device short name	PRF1125r
Poles description	1P + N
Surge arrester type	Electrical distribution network
Earthing system	TN-S TT

### Complementary

Remote signalling	With
Surge arrester class type	Type 1+2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230 V AC 50 Hz
Nominal discharge current	Common mode: 25 kA N/PE Differential mode: 25 kA L/N
[Iimp] impulse current	Common mode: 50 kA N/PE 50 kA 25 A s Differential mode: 12.5 kA L/N 12.5 kA 6.25 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	0.1 kA common mode N/PE
Associated fuse rating	160 A type: gG
Disconnecter device type	Associated circuit breaker 80 A Icu 15 kA at 230 V Associated circuit breaker 80 A Icu 25 kA at 230 V Associated circuit breaker 80 A Icu 36 kA at 230 V Associated circuit breaker 80 A Icu 50 kA at 230 V Associated circuit breaker 80 A Icu 10 kA at 400 V Associated circuit breaker 80 A Icu 10 kA at 230 V Associated circuit breaker 80 A Icu 15 kA at 400 V Associated circuit breaker 80 A Icu 25 kA at 400 V Associated circuit breaker 80 A Icu 36 kA at 400 V Associated circuit breaker 80 A Icu 50 kA at 400 V
Local signalling	Electrical colour: green/red
Signalling circuit voltage	AC: 250 V
Signalling output current	1.5 A
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	4
Height	81.4 mm
Width	36 mm
Depth	70 mm
Colour	Light grey ( RAL 7035 )
Material	PA6
Response time	< 25 ns
Connections - terminals	Tunnel type terminal phase and neutral 35 mm <sup>2</sup> Tunnel type terminal ground 35 mm <sup>2</sup>
Tightening torque	2.5 N.m

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## Environment

Standards	EN 61643-11 IEC 61643-1
Product certifications	KEMA-KEUR NF
IP degree of protection	On front face: IP40 On terminal: IP20
IK degree of protection	IK05
Relative humidity	5...90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...80 °C