

Product data sheet

Characteristics

16295

modular surge arrester Quick PRD20r - 1 pole
+ N - 350 V - with remote transfer



Main

Range of product	SPD
Device short name	Quick PRD20r
Poles description	1P + N
Earthing system	TN TT

Complementary

Remote signalling	With
Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230 V AC 50/60 Hz
Nominal discharge current	Common mode: 5 kA L/PE Common mode: 5 kA N/PE Differential mode: 5 kA L/N
Maximum discharge current	Common mode: 20 kA L/PE Common mode: 20 kA N/PE Differential mode: 20 kA L/N
[Uc] maximum continuous operating voltage	Common mode: 350 V L/PE Common mode: 264 V N/PE Differential mode: 350 V L/N
[Up] voltage protection level	1.5 kV type 2 differential mode L/N 1.5 kV type 2 common mode N/PE 1.8 kV type 2 common mode L/PE
Disconnecter device type	Integrated circuit breaker Icu 25 kA at 230 V
Local signalling	Flag
Signalling circuit voltage	AC: 250 V 50/60 Hz
Signalling output current	2 A
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	8
Height	94 mm
Width	72 mm
Depth	75.9 mm
Product weight	0.43 kg
Colour	Grey
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal upside 2.5...25 mm² Tunnel type terminal downside 2.5...25 mm²
Tightening torque	2.5 N.m

Environment

Standards	EN 61643-11 IEC 61643-1
Product certifications	KEMA-KEUR NF
IP degree of protection	IP40
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...70 °C