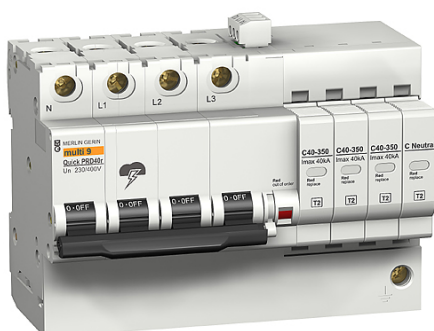


Product data sheet

Characteristics

16297

modular surge arrester Quick PRD20r - 3 poles
+ N - 350 V - with remote transfer



Main

Range of product	SPD
Device short name	Quick PRD20r
Poles description	3P + 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 400 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	14.7
Height	94 mm
Width	131.5 mm
Depth	75.9 mm
Product weight	0.84 kg
Colour	Grey
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal upside 2.5...25 mm ² Tunnel type terminal downside 2.5...25 mm ²
Tightening torque	2.5 N.m

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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