



Main

Range of product	IPRD-DC
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD-DC 40r 600PV
Poles description	2P
Output type	Contact (volt-free)
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	600 V (+/- 10 %) DC
[In] nominal discharge current	15 kA
[Imax] maximum discharge current	40 kA
[Ucpv] maximum continuous operating voltage	Differential mode : 840 V L+/L- Common mode : 600 V L/PE
[Up] voltage protection level	2.8 kV type 2 common mode L-/PE 2.8 kV type 2 common mode L+/PE 2.8 kV type 2 differential mode L+/L-
Local signalling	Flag color: white/red
Signalling circuit voltage	AC : 250 V 50/60 Hz
Signalling output current	0.25 A
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	81 mm
Width	54 mm
Depth	69 mm
Product weight	0.4 kg
Colour	White (RAL 9003)
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal upside 2.5...35 mm ² Tunnel type terminal downside 2.5...35 mm ²
Tightening torque	2.5 N.m

Environment

Standards	EN 50539-11 UTE C 61740-51
Product certifications	CE
IP degree of protection	On terminal : IP20 On front face : IP40
IK degree of protection	IK03
Relative humidity	5...90 %

Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1005 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations