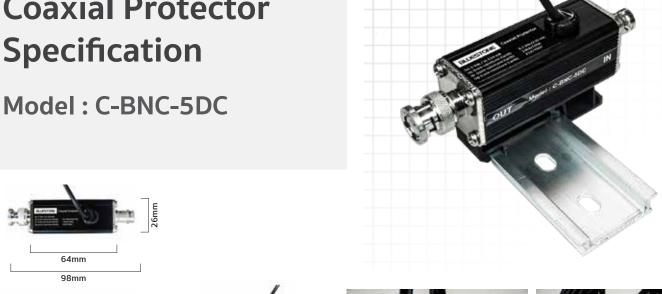
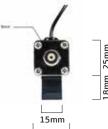


Coaxial Protector Specification







26mm





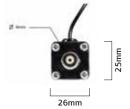
Nominal Voltage Un	5Vdc
Max. continuos operating voltage Uc (Core-Shield)	< 8.5 Vdc
Max. continuos operating voltage Uc (Core-Earth)	< 230 Vdc
Nominal Current IN	150 mA
Operating effective current Ic at Uc	≤ 2 µA
Residual current to IPE at Uc	≤ 1 µA
Nominal discharge surge current ln (Core-Shield)	10kA at 8/20μS
Nominal discharge surge current In (Core-Earth)	10kA at 8/20μS
Total Surge Current	20kA at 8/20μS
Voltage Protection level Up (Core-Shield)	≤ 15V [C1(1kV/500A)]
Voltage Protection level Up (Core-Shield)	≤ 20V [C2(4kV/2kA)]
Voltage Protection level Up (Core-Shield)	≤ 25V [C2(8kV/4kA)]
Voltage Protection level Up (Core-Earth)	≤ 430V [C1(1kV/500A)]
Voltage Protection level Up (Core-Earth)	≤ 560V [C2(4kV/2kA)]
Voltage Protection level Up (Core-Earth)	≤ 700V [C2(8kV/4kA)]
Response time (Core-Shield)	100 nS
Response time (Core-Earth)	200 nS
Cut-off frequency	90 MHz
Type of connection	BNC 50 Ω
Housing material	Aluminium
Degree of protection	IP 20
Ambient temparature	-40 ° C 85 ° C
Mounting type	Surface on desk or Din rail 35 mm.

Coaxial Protector Specification

Model: C-BNC-5DC/N













Nominal Voltage Un	5Vdc
Max. continuos operating voltage Uc (Core-Shield)	< 8.5 Vdc
Max. continuos operating voltage Uc (Core-Earth)	< 230 Vdc
Nominal Current IN	150 mA
Operating effective current Ic at Uc	≤ 2 µA
Residual current to IPE at Uc	≤ 1 µA
Nominal discharge surge current In (Core-Shield)	10kA at 8/20μS
Nominal discharge surge current In (Core-Earth)	10kA at 8/20μS
Total Surge Current	20kA at 8/20μS
Voltage Protection level Up (Core-Shield)	≤ 15V [C1(1kV/500A)]
Voltage Protection level Up (Core-Shield)	≤ 20V [C2(4kV/2kA)]
Voltage Protection level Up (Core-Shield)	≤ 25V [C2(8kV/4kA)]
Voltage Protection level Up (Core-Earth)	≤ 430V [C1(1kV/500A)]
Voltage Protection level Up (Core-Earth)	≤ 560V [C2(4kV/2kA)]
Voltage Protection level Up (Core-Earth)	≤ 700V [C2(8kV/4kA)]
Response time (Core-Shield)	100 nS
Response time (Core-Earth)	200 nS
Cut-off frequency	90 MHz
Type of connection	BNC 50 Ω
Housing material	Aluminium
Degree of protection	IP 20
Ambient temparature	-40 ° C 85 ° C

Ethernet Cat.5E POE High Surge Current Protector

Model: DP-CAT.5E-POE-H





92mm

92mm









Number of position	8 pins
Nominal Voltage (Core-Core/POE)	5Vdc/48V
Maximum operating voltage Uc (Core-Core/POE/Core-Earth)	< 6 Vdc / < 75 Vdc / < 230 Vdc
Nominal Current IN (POE)	1 A
Operating effective current Ic at Uc	≤ 1 µA
Residual current to IPE at Uc	≤ 1 µA
Nominal discharge surge current In (Core-Core/POE/Core-Earth)	5kA / 5kA at 8/20μS
Total Surge Current	10kA at 8/20μS
Protection level Up (Core-Core)	≤ 18V [C1(200V/100A)]
	≤ 68V [C2(1kV/500A)]
	≤ 73V [C2(4kV/2kA)]
Protection level Up (POE)	≤ 100V [C1(200V/100A)]
	≤ 154V [C1(4kV/2kA)]
Protection level Up (Core-Earth)	≤ 650V [C2(4kV/2kA)]
	≤ 800V [C2(8kV/4kA)]
Response time tA (Core-Core/Core-Earth)	< 1 nS / < 100 nS
Cut-off frequency	650 MHz
Data rate	10/100/1000 Mbps
Type of connection	RJ 45
Standard Reference	IEC61643-21 , IEEE 802.3 at/af (POE)
Housing material	Anodized extrude aluminum
Color	Black
Degree of protection	IP 20
Ambient temperature	-40 ° C 85 ° C

Ethernet Cat.5E POE L Surge Current Protector

Model: DP-CAT.5E-POE-L















Number of position	8 pins
Nominal Voltage (Core-Core/POE)	5Vdc/48V
Maximum operating voltage Uc (Core-Core/POE/Core-Earth)	< 6 Vdc / < 52 Vdc / < 230 Vdc
Nominal Current IN (POE)	1 A
Operating effective current Ic at Uc	≤ 1 µA
Residual current to IPE at Uc	≤ 1 µA
Nominal discharge surge current In (Core-Core/POE/Core-Earth)	300A / 175A / 300A at 8/20μS
Total Surge Current	700A at 8/20μS
Protection level Up (Core-Core)	≤ 23V [C1(600V/300A)]
Protection level Up (POE)	≤ 80V [C1(350V/175A)]
Protection level Up (Core-Earth)	≤ 850V [C2(4kV/2kA)]
Response time tA (Core-Core/Core-Earth)	< 1 nS / < 100 nS
Cut-off frequency	650 MHz
Data rate	10/100/1000 Mbps
Type of connection	RJ 45
Standard Reference	IEC61643-21 , IEEE 802.3 at/af (POE)
Housing material	Anodized extrude aluminum
Color	Black
Degree of protection	IP 20
Ambient temperature	-40 ° C 85 ° C

Ethernet Cat.5E POE N Surge Current Protector

Model: DP-CAT.5E-POE-N





91mm



91mm



26.....





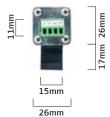
Number of position	8 pins
Nominal Voltage (Core-Core/POE)	5Vdc/48V
Maximum operating voltage Uc (Core-Core/POE/Core-Earth)	< 6 Vdc / < 52 Vdc / < 230 Vdc
Nominal Current IN (POE)	1 A
Operating effective current Ic at Uc	≤ 1 µA
Residual current to IPE at Uc	≤ 1 µA
Nominal discharge surge current In (Core-Core/POE/Core-Earth)	300A / 175A / 300A at 8/20μS
Total Surge Current	700A at 8/20μS
Protection level Up (Core-Core)	≤ 23V [C1(600V/300A)]
Protection level Up (POE)	≤ 80V [C1(350V/175A)]
Protection level Up (Core-Earth)	≤ 850V [C2(4kV/2kA)]
Response time tA (Core-Core/Core-Earth)	< 1 nS / < 100 nS
Cut-off frequency	650 MHz
Data rate	10/100/1000 Mbps
Type of connection	RJ 45
Standard Reference	IEC61643-21 , IEEE 802.3 at/af (POE)
Housing material	Anodized extrude aluminum
Color	Black
Degree of protection	IP 20
Ambient temperature	-40 ° C 85 ° C

Serial Signal Surge Current Protector

Model: DP-RS485-12DC













Number of position	4 pins (input) , 3 pins (output)
Nominal Voltage (Core-Core)	12Vdc
Maximum operating voltage Uc (Core-Core/Core-Earth)	< 15 Vdc / < 230 Vdc
Nominal Current IN	1.5 A
Operating effective current Ic at Uc	≤ 1 µA
Residual current to IPE at Uc	≤ 1 µA
Nominal discharge surge current In (Core-Core/Core-Earth)	5kA / 10kA at 8/20μS
Total Surge Current	10kA at 8/20μS
Protection level Up (Core-Core)	≤ 29V [C2(4kV/2kA)]
Protection level Up (Core-Earth)	≤ 744V [C2(4kV/2kA)]
Response time tA (Core-Core/Core-Earth)	< 1 nS / < 100 nS
Type of connection	Terminal Block wire range 28-16AWG (1.5 sq.mm.)
Standard Reference	IEC61643-21
Housing material	Aluminium
Color	Black
Degree of protection	IP 20
Ambient temperature	-40 ° C 85 ° C

Power Supply Surge Current Protector

Model: PSP-24DC













Number of position	3 pins
Nominal Voltage (Core-Core)	24Vdc
Maximum operating voltage Uc (Core-Core/Core-Earth)	< 38 Vdc / < 230 Vdc
Nominal Current IN	1.5 A
Operating effective current Ic at Uc	≤ 1 µA
Residual current to IPE at Uc	≤ 1 µA
Nominal discharge surge current In (Core-Core/Core-Earth)	5kA / 5kA at 8/20μS
Total Surge Current	10kA at 8/20μS
Protection level Up (Core-Core)	≤ 180V [C2(4kV/2kA)]
Protection level Up (Core-Earth)	≤ 640V [C2(4kV/2kA)]
Response time tA (Core-Core/Core-Earth)	< 10 nS / < 100 nS
Type of connection	Terminal Block wire range 28-16AWG (1.5 sq.mm.)
Standard Reference	IEC61643-21
Housing material	Aluminium
Color	Black
Degree of protection	IP 20
Ambient temperature	-40 ° C 85 ° C

KNX Bus Surge Protector Specification

Model: DP-K-40DC







47mm



27.5mm





Number of position	3 pins
Nominal operating voltage Un (Core-Core)	24 V
Maximum operating voltage Uc (Core-Core)	< 40 Vdc
Maximum operating voltage Uc (Core-Earth)	< 230 V
Nominal Current IN	650 mA
Operating effective current Ic at Uc	≤ 1 µA
Residual current to IPE at Uc	≤ 1 µA
Nominal discharge surge current In (Core-Core)	500A at 8/20μS
Total Surge Current	5kA at 8/20μS
Protection level Up (Core-Core)	< 55V at C1(200V/100A)
	< 64V at C1(500V/250A)
	< 74V at C1(1kV/500A)
Protection level Up (Core-Earth)	< 776V at C2(4kV/2kA)
Response time tA (Core-Core)	< 1 nS
Response time tA (Core-Earth)	< 100 nS
Type of connection	Signal : Solid Wire 22AWG , GND : Stranded Wire 18AWG
Standard Reference	IEC61643-21
Color	Black
Degree of protection	IP 20
Ambient temperature	-40 ° C 85 ° C



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