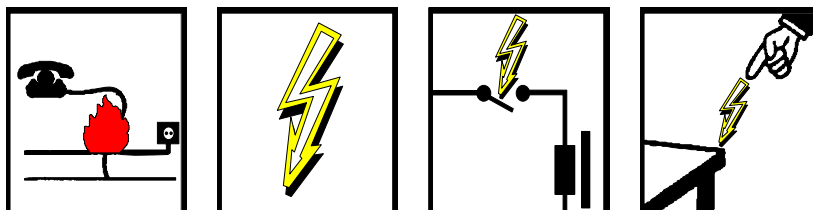


ComProtect 2/1 CP BOD180A4

Overvoltage protection in the
LSA-PLUS distribution systems
Meets the requirements for
ADSL / ADSL2+ / HDSL(w/o Remote Feeding)



Ordering Code: 5909 1 078-30 (Set, 10 pcs. with earth bar for 10 pair)
5909 1 078-32 (Set, 8 pcs. with earth bar for 8 pair)

Technical data :

Max. operating voltage (a/b-e, a-b)
Max. operating current (a-a'/b-b') @ 25°C
DC spark-over voltage arrester @ 100V/s (a/b-e)¹⁾
Max. output voltage @ 1kV/μs (a/b-e, a-b)
Max. output voltage @ 1,5 kV 10/700μs (a/b-e, a-b)
Nominal arrester surge current (8/20μs; a/b-e)¹⁾
Nominal arrester surge current (10/350μs; 1x; a/b-e)¹⁾
Nominal decoupling resistance (a-a'/b-b') @ 25°C
Resistance balance
Max. trip-current PTC @ V_{max} = 230V_{eff}
Capacitance (1MHz/1V_{rms}; a/b-e, a-b)
Leakage current diode @ 100V
Typ. operating frequency (-3dB, Z₀=120Ω)
Dielectric strength (1,2/50μs; 3x)

V _{max,e}	180	V
I _{N,max}	120	mA
V _{sdcn}	420	V +25% / -15%
V _o	350	V
V _o	350	V
i _{sN}	5	kA
i _{10/350}	1	kA
R	10	Ω ± 20%
ΔR _{PTC}	≤ 1	Ω
I _{s,max}	5	A _{rms}
C	50	pF
I _l	< 10	μA
f _g	50	MHz
U _{sw}	1,75	kV

Operating temperature :

-20°...+60°C

Storage temperature :

-40°...+80°C

Electrical characteristics :

¹⁾ acc. to ITU-T K.12

Mechanical characteristics :

sinusoidal wave acc. to DIN EN 60068-2-6

Climatic characteristics :

DIN EN 60068-2-1 (cold resistivity)

DIN EN 60068-2-2/3 (thermal resistivity)

In accordance with ITU-T K.20 / K.21 (U₀ = 1.5 kV)

