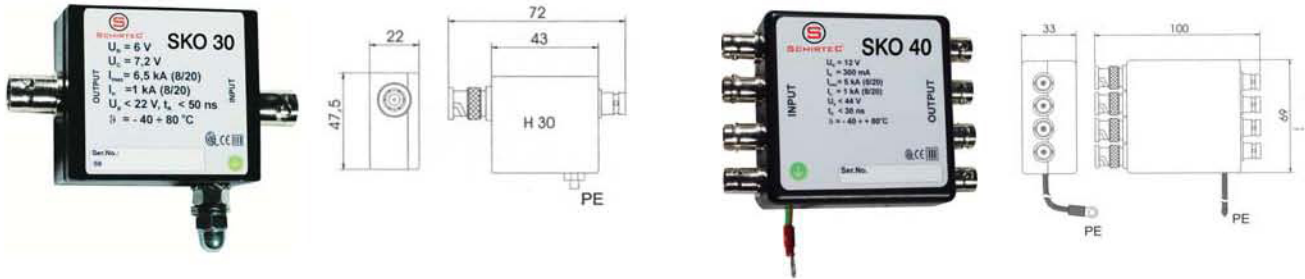


VIDEO SIGNAL PROTECTION

SKO 30, SKO 30-L, SKO 40 and SKO 40-L



SKO 30 and SKO 30-L are designed for protection of coaxial lines of 50Ω or 75Ω against induced surge effects in the Lightning Protection Zones Concept at the boundaries of LPZ_{A(B)}-1 and higher according to IEC 1312-1. They are used especially for protection of cameras and video signal concentrators. Applicable for security systems and fire control equipment.

SKO 40 and SKO 40-L are designed for protection of coaxial lines of 50Ω or 75Ω against induced surge effects in the Lightning Protection Zones Concept at the boundaries of LPZ_{O(A(B))}-1 and higher according to IEC 1312-1. There are four separate channels with video signal from TV cameras. Applicable for security systems fire control equipment.

Type		SKO 30	SKO 30-L	SKO 40	SKO 40-L
Category tested in acc. with IEC 61643-21		A2, B2, C2, C3, D1			
Nominal current	I_N	300mA			
Series impedance		10Ω			
Parasitic capacitance	C	27pF		47pF	
Nominal voltage of the videosignal	U_N	6 or 12V, acc to customer's demand			
Max discharge current at wave shape (8/20)	I_{max}	5kA	6,5kA	5kA	6,5kA
Nominal discharge current at wave shape (8/20)	I_n	1kA			
Voltage protection level at I_n	U_P	22 V at U_N (video)=6V _{rms} 44 V at U_N (video)=12V _{rms}			
Voltage protection level at 1kV/μs	U_P	20 V at U_N (video)=12V _{rms} 10 V at U_N (video)=6V _{rms}			
Response time	t_A	<30ns			
Operating Temperature range	θ	-40°to + 80°C			
Connection to		Connector BNC 50Ω or 75Ω acc. to customer's specification input-female ; output-male			
Life time		min 100.000 hrs			
Weight	m	53g	78g	210g	128g