


Information Technology Systems

COPA Type LZC

The COPA Type LZC is specially designed for use in Ex systems based on the Conduit system. They protect sensitive equipment such as that used in control and instrumentation systems against overvoltages and are connected for this purpose into the cable lead of the signal line.



Technical Data

nominal voltage	U_N	24 V DC
max. current	I_N	0.6 A
nominal discharge current	i_{sn}	10 kA (8/20)
protection level		shunt voltage limiting u_{qa} approx. 34 V shunt voltage limiting u_{ja} approx. 600 V
critical frequency (3 dB)	f_G	0.2 MHz
line fuse		630 mA MT
type of protection		 EExdII CT6 (CesI AD-84.172)
SABS approval		EX = SABS S/T669 IS = SABS M/05-433
housing		1/2" stainless steel tube, 100mm long, NPT both ends, tapered ends 20mm long
connecting leads		copper 0.75mm ² , 500 mm long (output) 500 mm long (input)