



CT Type BD 110, Blitzductor



Combined conductor protection element for connection lines for Deutsche Telekom AG/analog, ISDN, dedicated line.

Operating temperature	233 K to 353 K (-40°C - +80°C)
Connection cross-section	up to 2.5 mm ² flexible
Protection class (plugged in)	IP20

Technical Specifications

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Rated voltage	110 V~
Conductor rating (max. permissible operating voltage)	170V~/130V~
Rated current I_N	1 A
Lightning surge voltage $I_{imp(10/350)}$	2.5 kA/wire 5 kA/overall
Rated discharged surge voltage $I_{sn(8/20)}$	20 kA wire 20 kA overall
Protection level at I_{imp}	≤ 300 V wire/wire ≤ 700 V wire/PG
Protection level at 1 kV/μs	≤ 260 V wire/wire ≤ 600 V wire/PG
Response times	≤ 25 ns wire/wire ≤ 100 ns wire/PG
Boundary frequency, symmetrical	9 MHz
Length impedance	0.4 Ω/wire
Case capacitance	0.6 nF wire/wire 10 pF wire/PG

Americas:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Bosch Security Systems Pte Ltd
38C Jalan Pemimpin
Singapore 577180
Phone: +65 6319 3450
Fax: +65 6319 3499
apr.securitysystems@bosch.com
www.boschsecurity.com

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