

KRONE

LSA-PLUS® Single Pair Protection Plug

Issue 2



Single Pair Protection Plug, designed to provide overvoltage and overcurrent protection on S2 modules.

Features:

- Mounts on LSA-PLUS® S2, Disconnection/Switching module
- Simple plug in operation along with Earth bar
- To protect Switching Equipment of Central office /DLC etc
- Overvoltage protection using 3 Pole GD Tube
- Overcurrent protection using PTC resistors
- Optional variants with test access contacts or overcurrent trip indicator
- Meets ITU recommendations

Compliance:

- Type approved against TEC, MDF spec. GR/CTN – 01/04 May 05
- GDT and PTC comply to ITU -T, K20 standards

Specifications

Max. Operating Voltage (a/b-e, a-b)	180 V (volts)
Normal DC spark-over voltage	180~300 V (volts)
Impulse spark-over voltage @1kV/ micro sec	< 900 V (volts)
Nominal arrester surge current (8/20 micro sec)	5kA

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Nominal arrester alternating discharge current..... 5A (rms)
 Fail safe response time < 5 seconds
 Max. Operating current (a-a', b-b')@25 c 120 mA (milli amps)
 Rated line resistance (a-a', b-b')@145mA, 25c..... 6~25 ohms
 Resistance balance < 1 ohms
 Max. switching current of PTC @230V rms..... 3A (rms)
 Max. switching time PTC @1A (rms)..... 2.5 seconds
 Insulation Resistance >1000 M ohms

Environmental

Temperature operation - 5 C to +60 C
 Relative humidity 95%, no water condensation, no ice

Materials

Plastics PBT
 Plastics flammability class UL 94 V0

Ordering Information

Description	Quantity	Colour	Product No.
Single Pair Protection Plug (TEC approved for MDF)	Each	Grey	6905 2 604-01
Single Pair Protection Plug with test access	Each	Grey	6905 2 330-00
Single Pair Protection Plug with overcurrent trip indication	Each	Grey	6905 2 364-00
Earth bar 2/10	Each		6905 3 320-00

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