

Type 1 + 2 SPD

DSU 440

Designation

Part number

Electrical characteristics

Technology

Number of pole

Network nominal voltage

Neutral configuration

Max. AC operating system

Temporary Over Voltage (TOV)

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Leakage current

Follow current

Impulse current by pole

Max. withstand 10/350 μ s

Nominal discharge current

15 x 8/20 μ s impulses

Max. discharge current

Max. withstand @ 8/20 μ s

Protection level (@In)

Admissible short-circuit current

U_C

UT

UT

I_{pe}

I_f

I_{imp}

I_n

I_{max}

U_p

I_{sccr}

DSU 440

P8331H

MOV

One pole 1

230/400 V

TT - TN C1 mode

TT - TNS C2 mode with DE module for N/PE

440 Vac

580 Vac/5 s withstand

770 Vac/120mn disconnection

< 1 mA

None

25 kA

25 kA

100 kA

1.5 kV

25 000 A

Associated disconnectors

Thermal disconnector

Fuses

Installation ground fault breaker

internal

Fuses type gG – 315 A max.

Type "S" or delayed

Mechanical characteristics

Connection

Disconnection indicator

Remote signaling of disconnection

Mounting

Operating temperature

Ingress Protection

by screw :4-25mm² / by bus

mechanical indicator

output on changeover contact

DIN rail 35mm

-40°C/+85°C

IP20

Standards compliance

IEC 61 643-1 (international) Low voltage SPD – test class I and II

EN 61 643-11 (Europe) Low voltage SPD – test class I and II

NF EN 61 643-11 / UL1449 ed.4

V : High energy MOV

MI : Disconnection indicator

Ft : Thermal fuse

t°: Thermal disconnection mechanism

C : Contact for remote signaling

