

# 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 $\mu$ s*

Nominal discharge current

*15 x 8/20 $\mu$ s impulses*

Max. discharge current

*Max. withstand @ 8/20 $\mu$ 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

IT - TN C1 mode

TT - TNS C2 mode with DE or DI 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 : 4-25mm<sup>2</sup> / 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

