

Type 1 + 2 + 3 SPD

DGV 440

Designation

Part number

Electrical characteristics

Technology

Number of pole

Network nominal voltage

Neutral configuration

Max. AC operating system

Temporary Over Voltage (TOV)

Temporary Over Voltage (TOV)

Leakage current

Follow current

Impulse current by pole

Max. withstand 10/350µs

Nominal discharge current

15 x 8/20µs impulses

Max. discharge current

Max. withstand @ 8/20µs

Max. discharge current

Max. withstand @ 8/20µs

Protection level (@In)

Admissible short-circuit current

U_c

UT

UT

I_{pe}

I_f

I_{imp}

I_n

I_{max} total

I_{max}

U_p

I_{scrr}

DGV 440

P8312H

Specific gas discharge tube + MOV

One pole (1)

230v/400v

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 withstand

None

None

25 kA

25 kA

70kA

20 kV

1.5kV

50 000 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 : 6 – 35 mm² / by bus

mechanical indicator

output on changeover contact

DIN rail 35mm

-40°C / +85°C

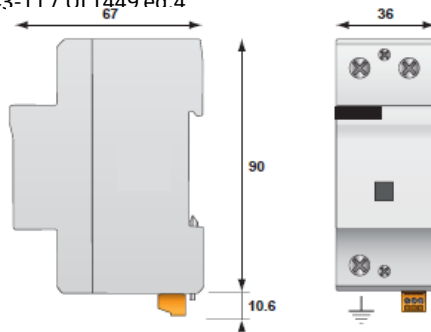
IP20

Standards compliance

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

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

NF EN 61 643-11 / III 1449 ed. 4



V : High energy MOV

MI : Disconnection indicator

Ft : Thermal fuse

t* : Thermal disconnection mechanism

C : Contact for remote signaling

