

# Type 2 (or 3) SPD DGX 255 C2 , 1Ph + N, 3Ph + N

## Designation

## Part number

## Electrical characteristics

### Technology

### Number of pole

### Network nominal voltage

### Protection mode

### Neutral configuration

### Max. AC operating system

### Temporary Over Voltage (TOV) 5 sec.

### Temporary Over Voltage (TOV) 120 mn

### Temporary Over Voltage N/PE

### Leakage current

### 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

**DGX255C2  
MONO  
P84404H**

**DGX255C2  
TETRA  
P84403H**

MOV (L/N)+ Gas discharge tube (N/PE)

2 poles (Ph+N)

230v

C2

TT-TNS

255 Vac

335 Vac / withstand

440 Vac / disconnection

1200V/300A/200ms

<1 ma

5 KA

30 KA

15 KA

L/N : 1.25kV, N/PE : 1.5kV

25 000 A

4 poles-(3Ph + N)

230/400v

C2

TT-TNS

255 Vac

335 Vac / withstand

440 Vac / disconnection

1200V/300A/200ms

<1 ma

5 KA

60 kA

15 KA

L/N : 1.25kV, N/PE : 1.5kV

25 000 A

DGX 255 C2 MONO



DGX 255 C2 TETRA



## Associated disconnectors

### Thermal disconnector

### Fuses

### Installation ground fault breaker

internal

Fuses type gG – 20 A max.

Type "S" or delayed

## Mechanical characteristics

### Connection

### Disconnection indicator

### Remote signaling of disconnection

### Mounting

### Operating temperature

### Ingress Protection

2.5-25 mm<sup>2</sup>

mechanical indicator

output on changeover contact

DIN rail 35mm

-40°C/+85°C

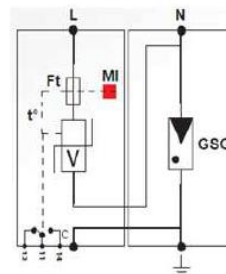
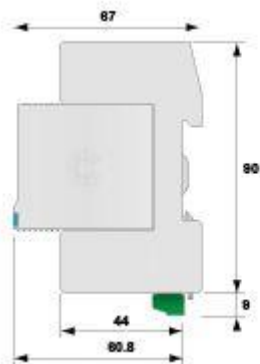
IP20

## 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



GSG : Specific gas tube

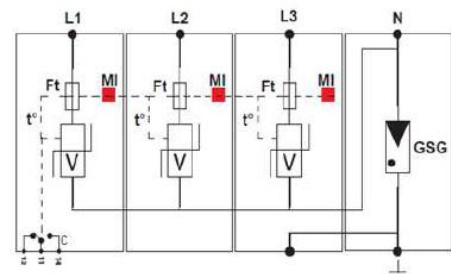
V : High energy MOV

MI : Disconnection indicator

Ft : Thermal fuse

t° : Thermal disconnection mechanism

C : Contact for remote signaling



Made  
In  
Safety