



SPB013

**Cartridge 40kA 440V for SPD T2 IT**

**Technical Features**

**Capacity**

Number of modules	1
-------------------	---

**Voltage**

Rated operational voltage $U_e$	230 - 400 V
Continuous operating voltage $U_c$ according to IEC 61643-1	440 V
Voltage protection level $U_p$ according to IEC 61643-1	1.35 kV
Voltage protection level $U_p$ L-PE/N-PE according to IEC 61643-11	1.50 kV
Voltage level $U_p$ L-N/PEN IEC 61643-11	1350 V

**Electric current**

Nominal discharge current $I_n$ 8 - 20 $\mu s$ L-N(PEN)/N-PE IEC 61643	20 kA
Max. overcurrent protection device, parallel connection (fuse)	125 A
Max. discharge ( $I_{max}$ ) L-N(PEN)/ N-PE	40 kA

**Dimensions**

Height	52.4 mm
Width	17.5 mm
Depth	55.3 mm

**Use conditions**

Operating temperature	-40 - 80 °C
-----------------------	-------------

**Network configuration**

Network type	IT TN TT
--------------	----------------

**Standards**

Requirement class IEC 61643	T2
-----------------------------	----

**Frequency**

Frequency	50 - 60 Hz
-----------	------------

**Sustainability**

Halogen free	Yes
REACH-SVHC free	Yes
RoHS conform	Yes