



surge arrester T2, UC 1000V DC, I_{max} 40 kA Short-circuit strength 2000 A, 2+V circuit, for isolated and grounded PV systems

General data	
standard	IEC 61643-31: 2022
SPD classification / according to EN 61643-11	
• Test Class I, Type 1	No
• Test Class II, Type 2	Yes
• Test Class III, Type 3	No
design of pole	2
designation of the protective paths	(L+)-(L-)
fastening method	DIN rail NS 35
material / of the enclosure	PA 6.6
size of surge arrester	3 MW
degree of pollution	2
overvoltage category / according to IEC 61010-1	III
protection class IP / at connection all terminals	IP20
relative humidity / during operation	5 % ... 95 %
installation altitude / at height above sea level / maximum	2 000 m
width	53 mm
height	90 mm
depth	66 mm
net weight	329 g
Electrical data	
type of distribution system	PV
operating voltage	1 000 V
continuous operating voltage	
• maximum	1 000 V
discharge current	
• at (8/20) μs	15 kA
• 1 phase / at (8/20) μs	40 kA
protection level	3.7 kV
• maximum	3.7 kV
residual voltage	
• at rated value of discharge current / maximum	3.7 kV
• at 10 kA / maximum	3.7 kV
• at 5 kA / maximum	3.1 kV
• Response time	25 ns
MPP voltage	1 170 V
Connections/ Terminals	
type of electrical connection	Screw terminal
stripped length	16 mm

tightening torque	3 ... 4.5
stripped length	16 mm
connectable conductor cross-section	
• for finely stranded conductor	1.5 ... 25
• for rigid conductor	1.5 ... 35
• finely stranded	1.5 ... 25
AWG number / as coded connectable conductor cross section	10 ... 2
signal design	optical
NEMA/UL - Data	
type of distribution system	PV
combustibility class according to UL 94	V0

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SD7483-0KK02>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

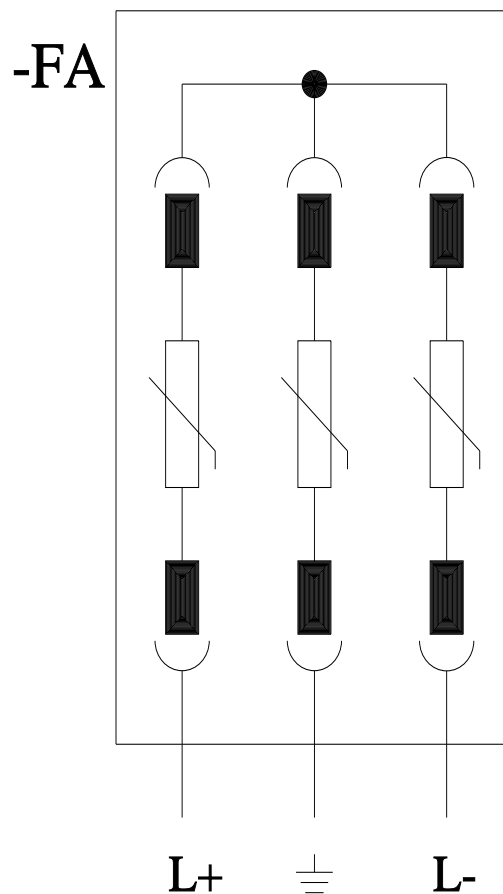
<https://support.industry.siemens.com/cs/ww/en/ps/5SD7483-0KK02>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD7483-0KK02

CAx-Online-Generator

<http://www.siemens.com/cax>



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