

## TECHNICAL SPECIFICATION

### Combined surge arresters AC – DC



#### Description

Specially designed surge arresters providing protection of solar and photo - voltaic systems; designed to protect system against over voltages resulting from indirect light impact. They could be installed in earthed and non - earthed systems. They break photo - voltaic generator electric circuit when voltage reaches or over passes limit threshold value, providing photo - voltaic protection against destroying.

**COLOUR CODE** for all types 5kA - yellow; white – 10kA; green – 20 kA and red 30kA

Type of the arrester	In (kA)	I <sub>max</sub> (kA)	U <sub>c</sub> (V)	U <sub>p</sub> (kV)	Packing / box	Catalogue number
SPD-DC-D5/1p	5	10	275AC/440DC	≤1.2	17 / 170	64105
SPD-DC10-C10/1p	10	20	275AC/440DC	≤1.5	17 / 170	64106
SPD-DC-C20/1p	20	40	275AC/440DC	≤1.8	17 / 170	64107
SPD-DC-B40/1p	30	60	275AC/440DC	≤2.2	17 / 170	64108

Type of the arrester	In (kA)	I <sub>max</sub> (kA)	U <sub>c</sub> (V)	U <sub>p</sub> (kV)	Packing / box	Catalogue number
SPD-DC-D5/1pN	5	10	275AC/440DC	≤1.2	8 / 80	64205
SPD-DC10-C10/1pN	10	20	275AC/440DC	≤1.5	8 / 80	64206
SPD-DC-C20/1pN	20	40	275AC/440DC	≤1.8	8 / 80	64207
SPD-DC-B40/1pN	30	60	275AC/440DC	≤2.2	8 / 80	64208

Type of the arrester	In (kA)	I <sub>max</sub> (kA)	U <sub>c</sub> (V)	U <sub>p</sub> (kV)	Packing / box	Catalogue number
SPD-DC-D5/3p	5	10	385AC/500DC	≤1.2	5 / 50	64305
SPD-DC10-C10/3p	10	20	385AC/500DC	≤1.5	5 / 50	64306
SPD-DC-C20/3p	20	40	385AC/500DC	≤1.8	5 / 50	64307
SPD-DC-B40/3p	30	60	385AC/500DC	≤2.2	5 / 50	64308

Type of the arrester	In (kA)	I <sub>max</sub> (kA)	U <sub>c</sub> (V)	U <sub>p</sub> (kV)	Packing / box	Catalogue number
SPD-DC-D5/3pN	5	10	385AC/500DC	≤1.2	4 / 40	64405
SPD-DC10-C10/3pN	10	20	385AC/500DC	≤1.5	4 / 40	64406
SPD-DC-C20/3pN	20	40	385AC/500DC	≤1.8	4 / 40	64407
SPD-DC-B40/3pN	30	60	385AC/500DC	≤2.2	4 / 40	64408

**Standards: EN 61643-11:2002**

