



VAL-MS...DC-PV

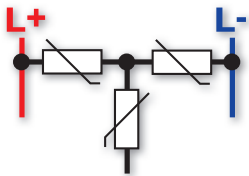
Lightning and surge arresters for universal use in your PV system

VAL-MS...DC-PV lightning and surge arresters

Protect your photovoltaic system with the new VAL-MS...DC-PV lightning and surge arresters. The products are KEMA approved and recognized as components according to UL 1449.

Top Features

- Easy replacement, thanks to plug-in arresters
- Safe contacting through integrated rotating latch
- Optimum inverter protection, thanks to low protection level
- Efficient replacement of defective plugs, thanks to visual status indicator
- Optimized maintenance planning, thanks to remote signaling
- Protection against incorrect connection through keyed plugs and base elements
- Always the right arrester, thanks to universal type1/type2 protective components
- KEMA approval, UL recognized components



The suitable plug elements can also be purchased separately as replacement plugs.



Technical data				
Designation (with remote indication contact) Order No.	VAL-MS-T1/T2 1000DC-PV/2+V-FM 2801161	VAL-MS-T1/T2 600DC-PV/2+V-FM 2801164	VAL-MS 1000DC- PV/2+V-FM 2800627	VAL-MS 600DC- PV/2+V-FM 2800641
Designation (without remote indication contact) Order No.	VAL-MS-T1/T2 1000DC-PV/2+V 2801160	VAL-MS-T1/T2 600DC-PV/2+V 2801163	VAL-MS 1000DC- PV/2+V 2800628	VAL-MS 600DC- PV/2+V 2800642
EN type according to prEN EN 50539-11	PV T1 / PV T2		PV T2	
SPD failure behavior	OCM		OCM	
Maximum continuous voltage U_{CPV}	1050 V DC	720 V DC	1170 V DC	800 V DC
Immunity to short-circuiting I_{SCPV}	300 A		300 A	
Lightning test current I_{imp} (10/350) μ s	5 kA		-	
Nominal discharge surge current I_n (8/20) μ s	15 kA			
Total discharge surge current I_{Total} (8/20) μ s	40 kA			
Protection level U_p	≤ 3.5 kV	≤ 2.6 kV	≤ 3.7 kV	≤ 2.7 kV

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