

PHOENIX CONTACT Surge Protection Devices

SURGE PROTECTION FOR PHOTOVOLTAIC (PV) SYSTEMS

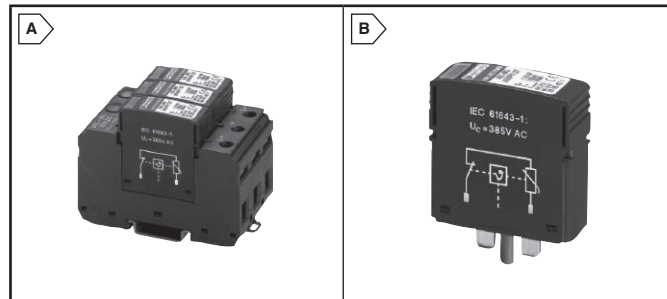
Power & Signal Quality - TRABTECH

Features:

- Remote monitoring using dry contacts
- Pluggable DIN rail mount surge protection
- Visual and remote status monitoring features
- 30kA Max. discharge surge current - I_{max} (8/20)μs
- Leakage current free option
- Testable with CHECKMASTER
- Replaceable modules available

Product Offering:

- VAL-MS...DC/2+V
 - a. 3 MOV Y-connection
 - b. Isolated DC system
 - c. DC system grounded on one side
 - d. DC system grounded on one side with fuse
- VAL-MS...DC/2+F
 - a. Isolated DC system only
- VAL-MS 1000DC/1+V
 - a. DC system grounded on one side
- VAL-MS...1+1-FM
- VAL-MS...3+0-FM



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Phoenix Type	Fig.	Description	Price Each
651-2805457	VAL-MS 600DC/2+V	A	Surge arrester for 2-pos. isolated and grounded DC voltage systems 600V DC, for DIN rail mounting, 3-pos. base element (L+, L-, ground), three pluggable temperature-monitored varistors, status message on each connector	202.00
651-2800195	VAL-MS 600DC/2+V-FM	A	Surge arrester for 2-pos. isolated and grounded DC voltage systems 600V DC, for DIN rail mounting, 3-pos. base element (L+, L-, ground) with remote indication contact, three pluggable temperature-monitored varistors, status message on each connector.	239.00
651-2805431	VAL-MS 600PV ST	B	Replacement connector for PV arrester combinations of the VAL-MS 600DC... product range	56.00
651-2805198	VAL-MS 600PV-UD ST	B	Replacement connector for PV arrester combinations of the VAL-MS 600DC... product range	56.00
651-2804542	VAL-MS 1000DC/1+V	A	Surge arrester for 2-pos. without fuse grounded DC voltage systems 1000V DC, for DIN rail mounting, 2-pos. base element (L+, L-, ground), two pluggable temperature-monitored varistors, status message on each connector.	133.00
651-2804490	VAL-MS 1000DC/1+V-FM	A	Surge arrester for 2-pos. without fuse grounded DC voltage systems 1000V DC, for DIN rail mounting, 2-pos. base element (L+, L-, ground) with remote indication contact, three pluggable temperature-monitored varistors, status message on each connector.	165.00
651-2800177	VAL-MS 1000DC/2+F	A	Surge arrester for 2-pos. isolated DC voltage systems 1000V DC, for DIN rail mounting, 3-pos. base element, three pluggable temperature-monitored protective elements, for PE free of leakage current, status message on each connector.	209.00
651-2800176	VAL-MS 1000DC/2+F-FM	A	Surge arrester for 2-pos. isolated DC voltage systems 1000V DC, for DIN rail mounting, 3-pos. base element with remote indication contact, three pluggable temperature-monitored protective elements, for PE leakage current free, status message on each connector.	248.00
651-2805091	VAL-MS 1000DC/2+V	A	Surge arrester for 2-pos. isolated and grounded DC voltage systems 1000V DC, for DIN rail mounting, 3-pos. base element (L+, L-, ground), three pluggable temperature-monitored varistors, status message on each connector.	204.00
651-2920502	VAL-MS 1000DC/2+V-FM	A	Surge arrester for 2-pos. isolated and grounded DC voltage systems 1000V DC, for DIN rail mounting, 3-pos. base element (L+, L-, ground), three pluggable temperature-monitored varistors, status message on each connector.	259.00
651-2805567	VAL-MS 1000DC/2+V-FM-UD	A	Surge arrester for 2-pos. isolated and grounded DC voltage systems 1000V DC, for DIN rail mounting, 3-pos. base element (L+, L-, ground) with remote indication contact, three pluggable temperature-monitored varistors, status message on each connector.	243.00
651-2805185	VAL-MS 1000PV ST	B	Replacement connector for PV arrester combinations of the VAL-MS 1000 DC... product range	56.00
651-2800674	VAL-MS-T1/T2 175/12.5/1+1-FM	A	Lightning arrester for 1-phase power 175V L-N max, separate N and PE (3-conductor system: L, N, PE), with remote indication contact.	265.00
651-2800672	VAL-MS-T1/T2 175/12.5/3+0-FM	A	Lightning arrester for 3-phase power 175V L-N max, common N and PE (4-conductor system: L1, L2, L3, PEN), with remote indication contact.	374.00