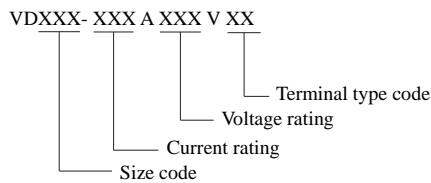




Ordering Information:



Notes:

While terminal type is optional, the terminal type code should be indicated immediately behind the voltage rating, and the D11 type is default;

Indicator is K for type K indicator (default),etc.

While gR/aR are optional, aR is default and gR Should followed the indicator code,

Eg. VD2-400A750V FS-V-gR

If need other type indicator, please contact us.

While microswitch is necessary, the terminal type code should be followed by "M"

Eg. VD1-200A1200V FSM-K-gR

Terminal type code	Terminal type
FS	Terminal FS
D11	Terminal D11
FB	Terminal FB
AB	Terminal AB
BB	Terminal BB
D08	Terminal D08

Description:

VD series fuses are designed for protection DC circuit from general overload or short-circuit conditions for semiconductors: diodes, thyristors, GTO'S and IGBT devices Fuses are assemble with pure silver, die-cut elements embedded in solidified sand, which helps control arcing characteristics for a lower I^2t and high interrupting rating level. All contact surfaces are silver plated and all hardware is non-magnetic. They provide enough length for arcing, which will be turned off in the fuse body completely.

Features:

- . Designed according to IEC60269-4, GB13539,GBT21413.5
- . Complying with CE and RoHS
- . Suitable for short-circuit protection(100kA Max)
- . Satisfying application on third-rail current collection shoe
- . Multiple mounting configurations

Terminal FS (Flush End)

Terminal D11 (DIN 43653)

Terminal FB (French Style)

Terminal AB (US Style)

Terminal BB (Buss-bar Style)

Terminal D08 (DIN 43620)

. Operating class: aR or gG

Ratings:

Voltage Rating: 750V-4200V

Current Rating: 6A-1600A

Interrupt Rating: 30kA-100kA

Size code	Maximum cross section size of body
0	45×45
1	53×53
2	68×68
3	76×76
4	85×85
5	118×118

● **Electrical Specifications:**

Catalog Numbers	Current Rating(A)	Pre-arc I ² t(A ² S)	Power Loss (W)	Voltage Rating	Interrupt Rating	Note		
VD0	50	42.4	8.0	750V DC 900V DC	100kA (L/R=100ms)	aR		
	63	75.2	10.3					
	80	123	13.3					
	100	198	16.6					
	125	311	20.6					
	160	480	26.5					
VD1	200	752	37.2					
	250	1240	46.2					
VD2	250	1210	46.2				100kA (L/R=50ms)	aR
	315	1900	57					
	350	2400	64					
	400	3000	74					
	450	4000	89					
	500	6100	93					
VD3	500	4900	*		100kA (L/R=50ms)	aR		
	630	7400	*					
	700	9800	*					
	750	9800	*					
	800	12100	*					
	1000	16600	*					
2×VD2	500	4950	93		100kA (L/R=50ms)	aR		
	630	7950	114					
	800	12200	146					
	900	15800	178					
	1000	24500	188					
2×VD3	1000	20000	185	100kA (L/R=50ms)	aR			
	1250	30000	*					
	1400	40000	*					
	1500	40000	*					
	1600	48600	*					

* For detail information, contact us please!