



MOV & GDT in series Module Imax HIT-VT100 Series SPECIFICATION

Technical Data

Type	HIT VT100/xxx									
	150	175	275	300	320	385	440	550	600	
In accordance with	IEC61643-1									
Category IEC/VDE	□/ C									
Max. continuous operating voltage (AC/DC)	150/200	175/225	275/300	300/385	320/420	385/505	440/585	550/745	600/800	
Nominal discharge current(8/20) In	50KA	50KA	50KA	50KA	50KA	50KA	50KA	50KA	50KA	
Max. discharge current(8/20) I _{max}	100KA									
Voltage protection level	@ In	0.6KV	0.6KV	1.2KV	1.2KV	1.2KV	1.2KV	1.8KV	2.4KV	2.4KV
	@ 3KA	0.5KV	0.5KV	0.8KV	0.8KV	0.8KV	0.8KV	1.2KV	1.6KV	1.6KV
Response time	≤100 ns									
Follow current	No									
Residual current at U _c	No									
Backup fuse(only required if not already provided in mains)	250A gL/gG									
Operating temperature range	- 40°C ... + 80°C									
Cross-section of connection wire	Single-strand 35mm ² ; multi-strand 25mm ²									
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3									
Enclosure material	thermoplastic; extinguishing degree UL94 V-0									
Degree of protection	IP20									
Installation width	2 module, DIN 43880									
Thermal disconnecter	Internal green – normal red - failure									
Remote alarm contact	Optional									
Additional data for Remote Alarm Contacts										
Remote alarm contact type	floating changeover contact									
Switching capability U _N /I _N	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A									
Cross-section of connection wire	Max. 1.5mm ²									

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