



GDT Module Imax HIT – T80 Series SPECIFICATION

Technical Data

Type	HIT T80/xxx			
	150	255	350	440
In accordance with	IEC61643-1			
Category IEC/VDE	□/ C			
Max. continuous operating voltage Uc	150	255	350	440
Nominal discharge current(8/20) In	60KA	60KA	60KA	60KA
Max. discharge current(8/20) I _{max}	80KA			
Lightning impulse current (10/350) I _{imp}	20KA			
DC Sparkover voltage	350	600	800	1000
Voltage protection level at 1.2/50	0.8KV	1.2KV	1.4KV	1.6KV
Response time	≤100 ns			
Follow current I _f	100Arms			
Residual current at Uc	No			
Insulation resistance	≥10 ³ MΩ			
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	1 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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