

DGT

DC GFCI Thermostat

The DGT is a heating floor controller combined with a ground fault interrupting circuit. It uses a temperature sensor and an external power contactor (DGT1) or an internal fully protected SSR (DGT2) to regulate floor temperature. In case of a ground fault, the DGT will automatically disconnect the power and activate the fault status output.



DGT1 shown

HIGHLIGHTS

- High voltage source/load up to 2500V_{DC}, 50A
- Isolated current sensing with automatic sensor verification
- 4 factory set leakage thresholds (30, 50, 70, 90 mA_{DC})
- Programmable temperature setpoint
- Operating temperature range of -40°C to 70°C
- DGT2 has an incorporated fully protected SSR switch

SERVICE PROVEN

New Product Series

MODELS & FEATURES

Part Number Base	DGT1	DGT2
Operating Voltage	37.5V _{DC}	37.5V _{DC}
Max Source/Load Voltage (PD2 ¹)	3500V _{DC}	825V _{DC}
Max Source/Load Voltage (PD3 ²)	2500V _{DC}	825V _{DC}
Max Source/Load Current	50A	13A
Current Leakage Threshold	F	F
Width X Height X Depth		
3.00" X 8.29" X 5.00"	X	X

¹ According to IEC 60077-1 Pollution degree PD2. Located in an enclosure ensuring an efficient protection against pollution, at least equivalent to IP54.

² According to IEC 60077-1 Pollution degree PD3. Located indoor not directly exposed to rain, snow and heavy dust.

X = Included, O = Optional, F = Factory Configurable