

GDIT-SR-20

SELF-REGULATING HEATING CABLE

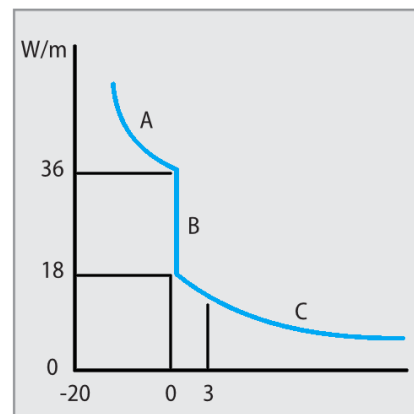
Product Overview

GDIT-SR derives its self-regulating characteristic from the inherent properties of the semi-conductive core material. As the core material temperature increases, the number of conductive paths in the core material decreases, thus decreasing the heat output. As the temperature decreases, the number of conductive paths increases, causing the heat output to increase. This occurs at every point along the cable's length, adjusting the power output to the varying conditions. As the cable self-regulates its heat output, it limits the maximum sheath temperature, thus making it burn-out proof.

Technical Specifications

Part Ref:	GDIT-SR-20
Approvals:	Certified by SGS Fimko as per IEC 60800 standards.
Power Output:	36W/m in ice @ 0 °C and 18W/m in air @ 0 °C
Maximum Circuit Length:	110m
Bus Wire Size:	Coated Copper, 1.0mm ²
Supply Voltage:	230V
Insulation:	Modified Polyolefin
Metal Sheathing:	Coated Copper Braiding
Outer Sheath:	Modified Polyolefin
Maximum Intermittent Exposure Temperature:	85°C
Maximum Continuous Exposure Temperature:	65°C
Minimum Bend Radius:	25mm
Minimum Installation Temperature:	-30°C
Circuit Breaker:	Max 16A
Dimensions Of Cable:	10.00 × 5.20 ± 0.35 mm

Power Output Graph



Important

All information including illustrations are believed to be reliable, however, users should still independently evaluate the suitability of each product for their application.

