GDIT-SR-20
Self-regulating trace 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 Specification

Part Ref	GDIT-SR-20
Approvals	Certified by SGS Fimko as per IEC 60800 standards.
Power Output	36W/m in ice @ 0 Deg C and 18W/m in air @ 0 Deg C
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 16 A
Dimensions of cable	10.00 x 5.20 ± 0.35 mm

Power Output Graph