

SELF LIMITING HEATING CABLE

ESR™-R

TO PROTECT SLIDING DOORS AND OPENING DOORS FROM FREEZING UP - SPECIAL COLD ROOM

By using our self-regulating electric heat tracing ESR-R, you make sure that you get the best defrosting system for negative cold room door.

Through its unique "self regulating" matrix, it is easier and safer to use. you freed from the problems of door sizes.

A single cable replaces all your references, all you resistances, whatever the length of the doors.

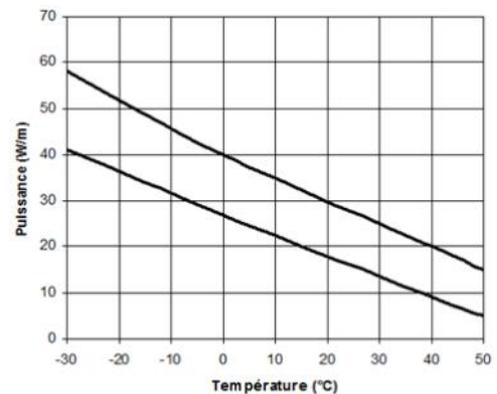
Furthermore, the self-regulating heating cable is varying according to its temperature. This avoid overheating especially at the corners of doors (no dysfunction).

Finally, thanks to his "Self limiting" technology called "parallel". You can connect the heating cable ESR-R to the exact length you want. Also you can connect directly into the junction box. Then you do not have to prepare any cold end and thus saving time and substantial cost.

Its storage system on coil type Box or bobbins allows easy handling, quick and convenient. This product is available on stock.

DESCRIPTION

1. Bus wire Cu nickel-plated (2x0.55mm²)
19x0,287 mm
2. Self limiting heating element (matrix)
3. Insulation (polyolefine)



Reference	Designation	Power	Dimension
ESR-R-30	TRACECO-R - ESR-R-30	27 W/m at 0°C	6.10x5.60 (mm)
ESR-R-40	TRACECO-R - ESR-R-40	38 W/m at 0°C	6.10x5.60 (mm)

DATASHEET

Nominal Voltage: 230V
 Tolerances: -0/+5W
 Maximum exposure temperature (energised): 50°C
 Maximum exposure temperature (deenergised): 55°C
 Minimum Bending Radius: 30 mm
 Minimum installation temperature: -35°C

Maximum length circuit:
 ESR-R-30..... 110 m
 ESR-R-40..... 110 m

Weight approx. 41.5 kg/km

QUALIFICATION

EAC, RoHS, REACH

CIRCUIT LENGTH*

DESIGNATION	STARTING TEMPERATURE (°C)	MAXIMUM LENGTHS (m)		
		16A	20A	32A
ESR-R-30	-20	90	-	-
	0	100	-	-
	10	100	-	-
ESR-R-40	-20	80	-	-
	0	95	-	-
	10	100	-	-

*Maximum Circuit lengths with ELCB curve C

The protection of each circuit shall be in accordance with NF C 15-100.

The protection of persons is ensured by a residual current of 30 mA maximum for each 7.5 kilowatts maximum. The heaters are supplied at 230 volts.

PACKING

Standard length stored on reel: 500m / Box: 100m

PRINTING

All cables are printed in order to ensure the product tracability.

INSTALLATION

ELTRACE self-regulating cables must be installed according to standards prevailing at the date of installation (technical requirements specification for implementation of NF C 15-100, VDE ...) where they apply, and the recommendations of use.

ADDITIONAL PRODUCTS

Reference	Non-ATEX
Connexion	ELQC ELKSR-1, ELKA-1, ELKS-1
Junction Boxes	ELBE-6, ELBE-8, ELBE-10
Pipe bracket	ELSP-x, ELSP-P2/F, ELSP-P3
Thermostats	ELTE-x, ELTH-A2, ELTH-A3, ELTH-A4
Fixing tape	ELAA ELTV
Heat Lagging Output	ELSC, ELSC-E, , ELSC-B
Adhesive Label	ELET