

Increased Safety - Type "e" ANTI-CONDENSATION HEATERS FOR ELECTRIC MOTORS & GENERATORS

RCH/e Data Sheet

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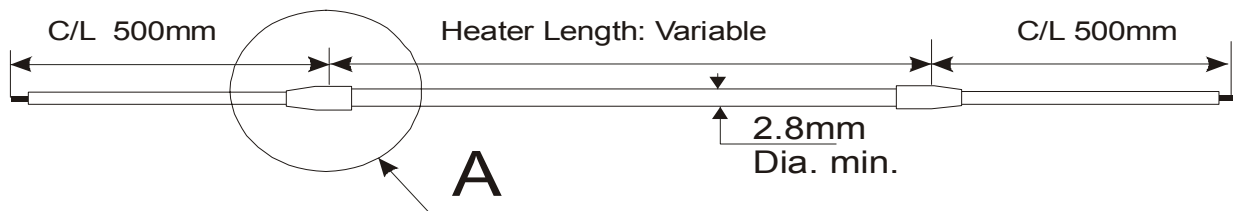
The RCH/e range of electric Cord Heaters was designed specifically for use with Increased Safety Type "e" Electric Motors.

The RCH/e provides low cost protection against condensation within rotating electrical equipment.

Typical applications would be electric motors, generators and alternators which operate in damp or wet condition.

Examples would include off shore, shipboard and marine equipment, dockside cranes, well pumps and all equipment operating in a tropical environment.

Specifying anti-condensation heaters at the design stage can save the expense of costly rewinds and down time.



FITTING INSTRUCTIONS

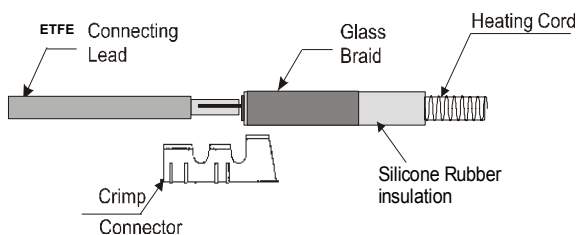
The heating unit is designed for inclusion in the impregnation process.

RETRO-FITTING OF HEATERS

By the OEM or a Rewinder on a stock motor:
the heater should be bound on the windings, as discussed page 2, then heavily coated with varnish and allowed to cure and then a second heavy coat applied. (To ensure that the heater and windings form a homogenous mass to provide good thermal conductivity).

By a Rewinder:
as part of the rewind process where the heater will be fully impregnated with the windings.

JOINT DETAILS @ A



APPROVALS:
BASEEFA Component Certificate
BAS No. Ex 98E3248U
The component is coded EEx e II
(BS EN 50014: 1993)
(BS EN 50019: 1994)

ATEX Certificate No
BAS00ATEX2103U
The component is coded:



RCH/e STANDARD STOCK

RCH Type	Length mm	Volts	Watts
0a/e	305	110	7
0b/e	305	240	7
1a/e	432	110	12
1b/e	432	240	12
2a/e	686	110	20
2b/e	686	240	20
4a/e	762	110	22
4b/e	762	240	22
5a/e	1016	110	29
5b/e	1016	240	29
6a/e	1067	110	30
6b/e	1067	240	30
7a/e	1473	110	42
7b/e	1473	240	42
8a/e	1702	110	48
8b/e	1702	240	48

240V Heaters are suitable for 230V and 220V supply voltage
110V Heaters are suitable for 115V supply voltage

RTL

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CONTROLLED DOCUMENT