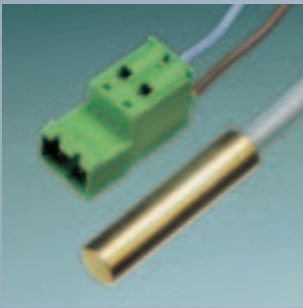


PTC- Cartridge Heater



Product Description

PTC cartridge heaters are dynamic heating elements that combine the functions of heating and temperature control in one element. A PTC heater is embedded in a silicone compound with excellent heat transfer and good electrical insulation. The products are suitable for a wide range of applications and are extremely efficient, compact and reliable.

Features

Shape	Round or rectangular
Protection class	I or II (with additional insulating film)
Power range	up to 150 W
Voltage range	110 - 240 V (12-24 V on request)
Temperature range	up to +240°C
Casing	Metal sheath or silicone

Product Development

Please contact us for specific heating questions. We design a heater configuration that suits your application needs.

Approbationen

VDE, Germany
UL, USA

Applications

Hair care	Hair curlers, hair crimpers, hair dryers, hot scissors, etc.
Body care	Wax depilators, Facial sauna.
Household appliances	Travel irons, hotplates, water evaporators, espresso- and coffee machines, etc
Industrial applications	Oil preheating, frost protection, valve heating, mould heating, laminating equipment, glue gun, etc.

DBK David+Baader GmbH

Components

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PTC- Cartridge Heater Type PSS



Type PSS Self-regulating heating element,
Round shape with silicone casing

Features Compact design
Simple mounting
Excellent heat transfer as silicone case expands when heated
Various performance ranges available

Diameter of Casing	6,5 - 17,1 mm
Length of Casing	up to 60 mm
Length of Fibreglass Sleeve	30 mm
Length of Lead Wire	100 mm / 300 mm
Temperature Range	up to 200°C
Power	up to 100 W
Voltage Range	110 - 240 V (12 - 24 V possible)

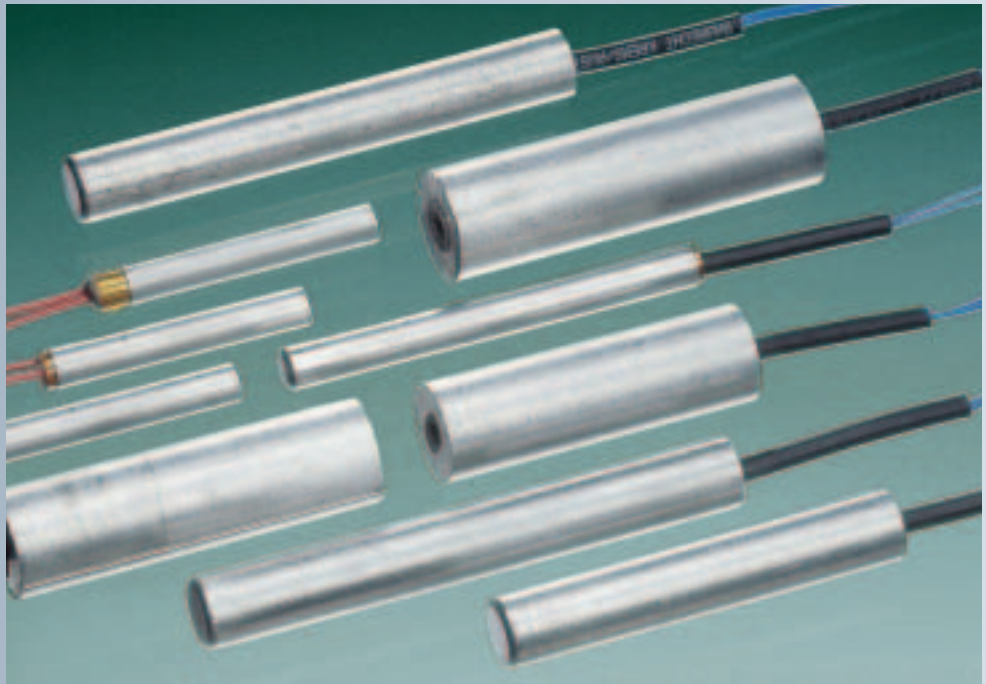


VDE - Certificate Nr. 40011223,
Protection class I (DIN EN 60335-1)
VDE - Certificate Nr. 40011217,
Protection class II (DIN EN 60335-1)



UL - File Nr. E66892

PTC- Cartridge Heater Type PAR / PSA



Type PAR/PSA Self-regulating heating element, round shape with aluminium casing. The PAR-series consists of an aluminium tube, the PSA-series respectively of an aluminium cup.

Features Compact design, Simple mounting
Excellent heat transfer through aluminium housing
Various performance ranges available

Diameter of Casing	6,0 - 23,3 mm
Length of Casing	up to 80 mm
Length of Fibreglass Sleeve	30 mm
Length of Lead Wire	100 mm / 300 mm
Temperature Range	up to 240°C
Power	up to 150 W
Voltage Range	110 - 240 V (12 - 24 V possible)



VDE - Certificate Nr. 40011218,
Protection class II (DIN EN 60335-1)



UL - File Nr. E66892

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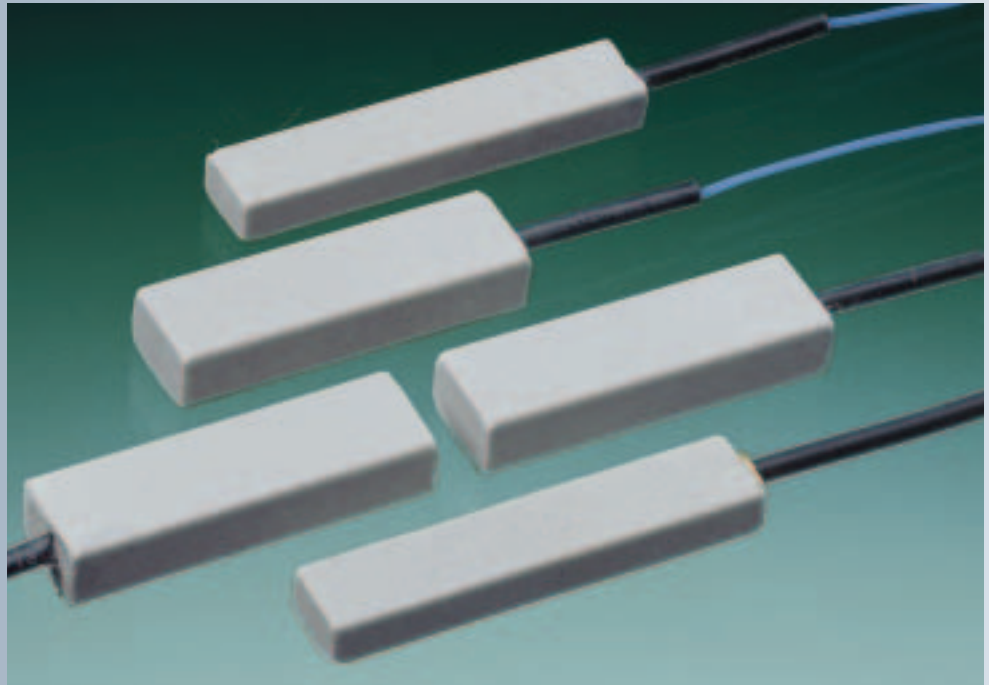
Components

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PTC- Cartridge Heater Type PFS



Type PFS Self-regulating heating element, rectangular shape with silicone casing

Features Compact design
Simple mounting
Excellent heat transfer as the silicone housing expands when heated
Various performance ranges available

Width of Casing	7 - 15 mm
Height of Casing	6 - 10 mm
Length of Casing	up to 60 mm
Length of Fibreglass Sleeve	30 mm
Length of Wire	100 mm / 300 mm
Temperature Range	up to 200°C
Power	up to 100 W
Voltage Range	110 - 240 V (12 - 24 V possible)

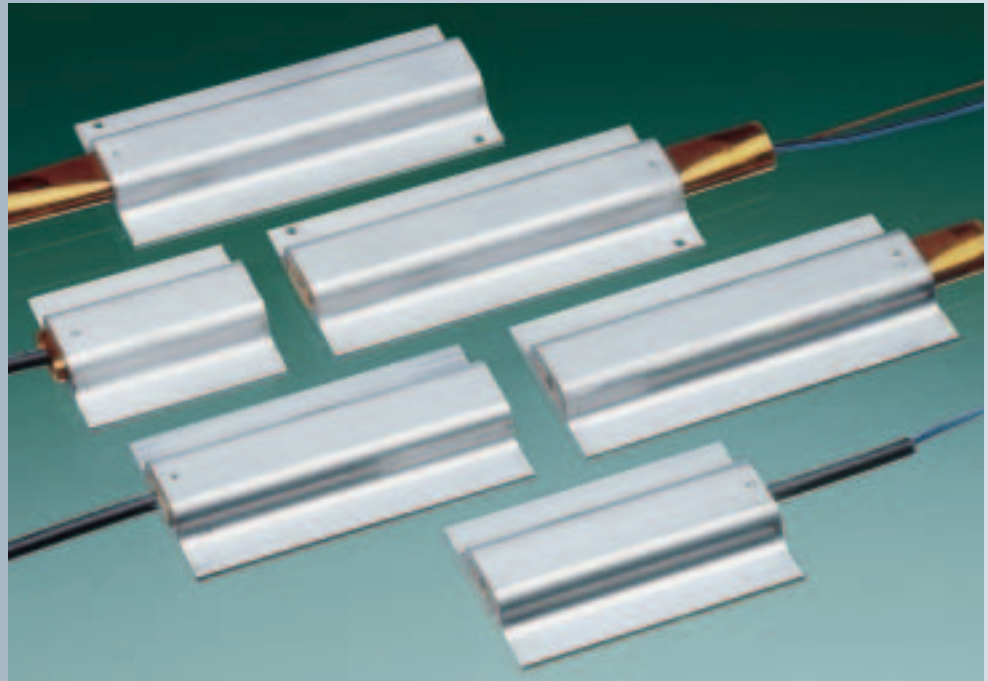


VDE - Certificate Nr. 40011223,
Protection class I (DIN EN 60335-1)
VDE - Certificate Nr. 40011217,
Protection class II (DIN EN 60335-1)



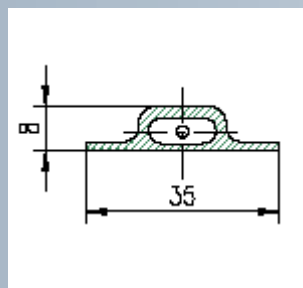
UL - File Nr. E66892

PTC - Cartridge Heater Type FHE



Type FHE Self-regulating heating element with an aluminium profile in flat design

Features High power
 Simple mounting by using fixing holes on the profile (e.g. screws, rivets . . .)
 Optimum heat transfer through aluminium profile
 Various performance ranges available



Section Aluminium Casing	35 x 8 mm
Length of Casing	up to 80 mm
Length of Fibreglass Sleeve	30 mm
Length of Wire	100 mm / 300 mm
Temperature Range	up to 240°C
Power	up to 100 W
Voltage Range	110 - 240 V (12 - 24 V possible)



VDE - Certificate Nr. 40011218,
 Protection class II (DIN EN 60335-1)



UL - File Nr. E66892

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Components

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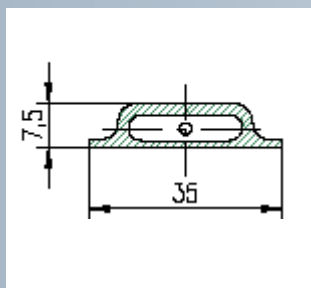
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PTC- Cartridge Heater Type FHD



- Type FHD Self-regulating heating element with an aluminium profile in flat design
- Features High power
Simple mounting by using fixing holes on the profile (e.g. screws, rivets . . .)
Optimum heat transfer through aluminium profile
Various performance ranges available



Section Aluminium Casing	35 x 7,5 mm
Length of Casing	up to 80 mm
Length of Fibreglass Sleeve	30 mm
Length of Wire	100 mm / 300 mm
Temperature Range	up to 240°C
Power	up to 150 W
Voltage Range	110 - 240 V (12 - 24 V possible)



VDE - Certificate Nr. 40011218,
Protection class II (DIN EN 60335-1)



UL - File Nr. E66892

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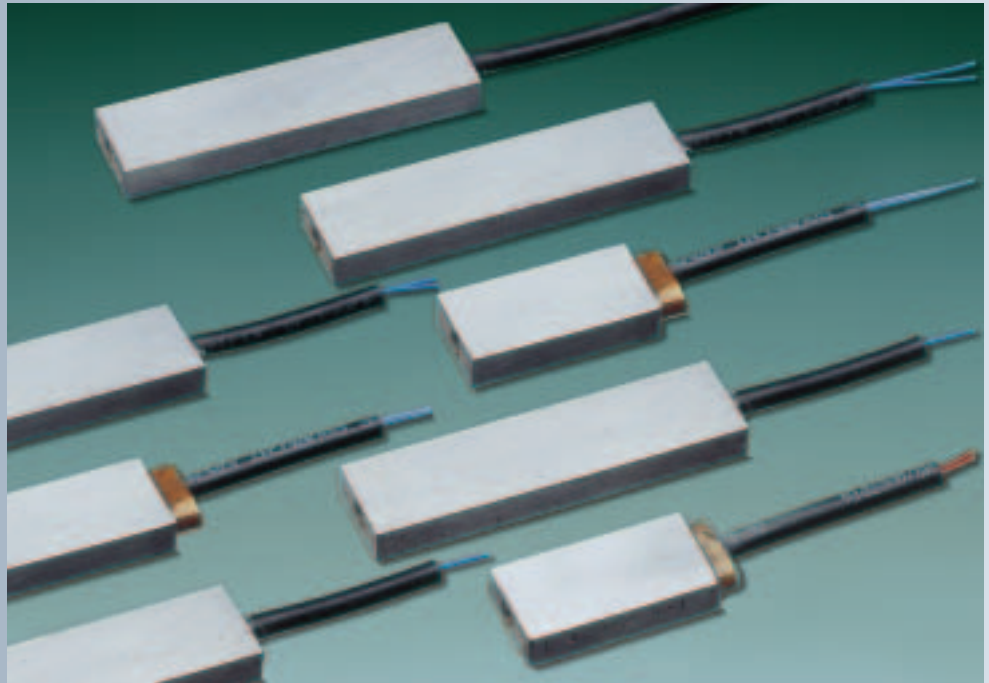
Components

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PTC- Cartridge Heater Type PAS



Type PAS Self-regulating heating element, rectangular shape with aluminium casing

Features Compact design
Simple mounting
High thermal efficiency
Various performance ranges available

Length of Aluminium Casing	up to 80 mm
Length of Fibreglass Sleeve	30 mm
Length of Wire	100 mm / 300mm
Temperature Range	up to 240°C
Power	up to 200 W
Voltage Range	110 - 240 V (12 - 24 V possible)



VDE - Certificate Nr. 40011218,
insulation class II (DIN EN 60335-1)



UL - File Nr. E66892

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Components

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