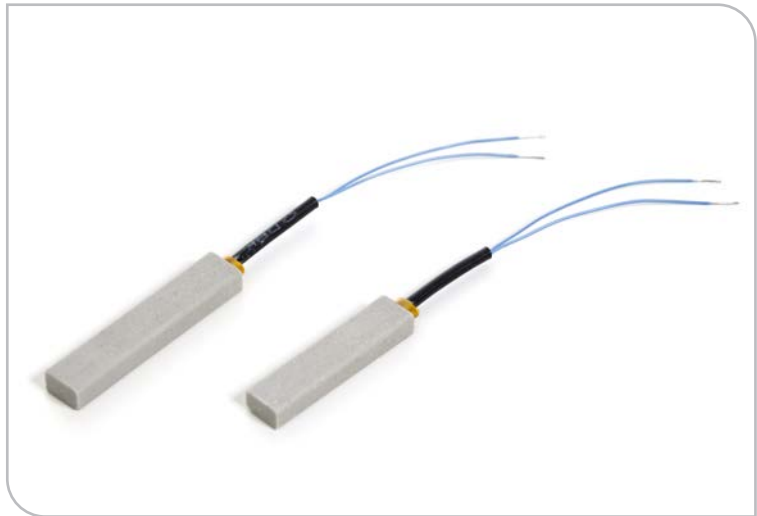


PFS Series Overview 110-240V

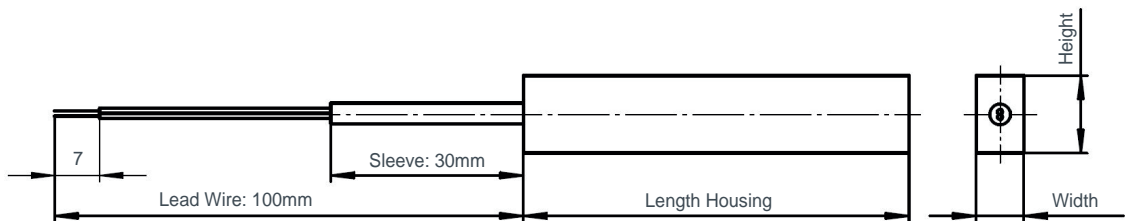
Features:

- Self-regulating heating element with rectangular silicone housing
- Compact design
- Easy assembling
- Highly effective heat transfer through expansion of the silicone when heating
- Available in different power - / temperature levels



Type	Width Height	Length of Housing	Power * ±10%	Surface Temperature ±10°C	Order No.
PFS-118-50-XX	7mm 11,8mm	50mm	22W	80°C	395318,01
			26W	100°C	395319,01
			44W	150°C	395320,01
			56W	205°C	395321,01
PFS-120-60-XX	7,4mm 12mm	60mm	21W	80°C	395310,01
			28W	100°C	395311,01
			48W	145°C	395312,01
			65W	195°C	395313,01

* Power measured in ice-water (~ 0°C) at 230V



UL-File No. E66892



VDE-Identification No. 40011218,
Protection Class II (DIN EN 60335-1)

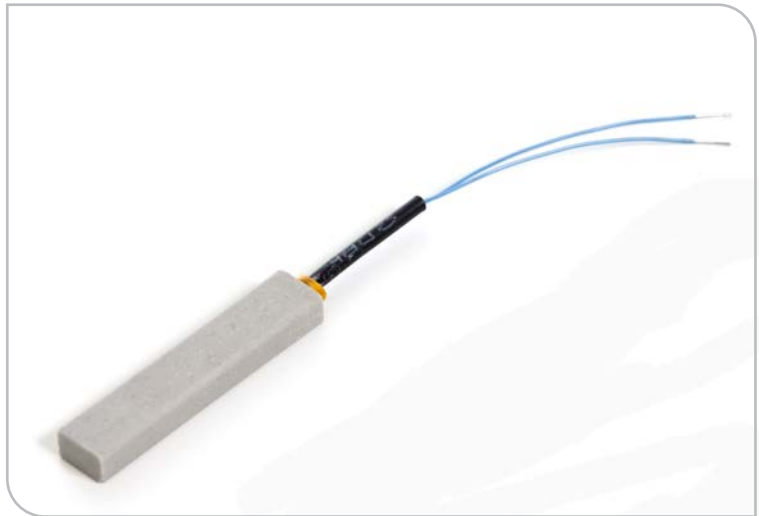
Also available as protection class I (DIN EN 60335-1)

NOTICE: Electrical component - please be advised to assure strain relief with assembly.

PFS-118-50-XX-II/100-30 110-240V

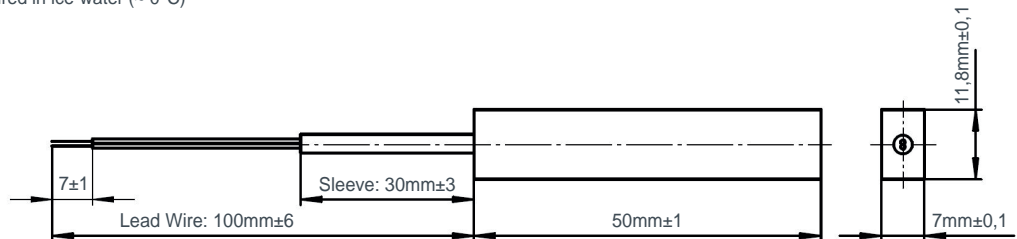
Features:

- Self-regulating heating element with rectangular silicone housing
- Compact design
- Easy assembling
- Highly effective heat transfer through expansion of the silicone when heating
- Available in different power - / temperature levels



Type	PFS (PTC Heating Element)			
	PFS-118-50-23-II/100-30	PFS-118-50-23-II/100-30	PFS-118-50-23-II/100-30	PFS-118-50-22-II/100-30
Operating Voltage	110-240V			
Nominal Voltage	230V			
Power * ±10%	22W	26W	44W	56W
Surface Temperature ±10°C measured on free air (~ 25°C) without airflow	80°C	100°C	150°C	205°C
max. Inrush Current	2,5A	3A	3,5A	3A
Resistance at 25°C	455 - 945Ω	455 - 945Ω	325 - 675Ω	662 - 1490Ω
Dimension Housing	11,8 x 7mm			
Length Housing	50mm			
Wire Type	PTFE, Cu-silver plated, AWG24, blue			
Wire Length	100mm			
Connection	single wire			
Protection Class / Approvals	II / UL / CE			
Insulation Test Voltage	3.750V			
Order Nr.	395318,01	395319,01	395320,01	395321,01

* Power measured in ice-water (~ 0°C)



UL-File No. E66892



VDE-Identification No. 40011218,
Protection Class II (DIN EN 60335-1)

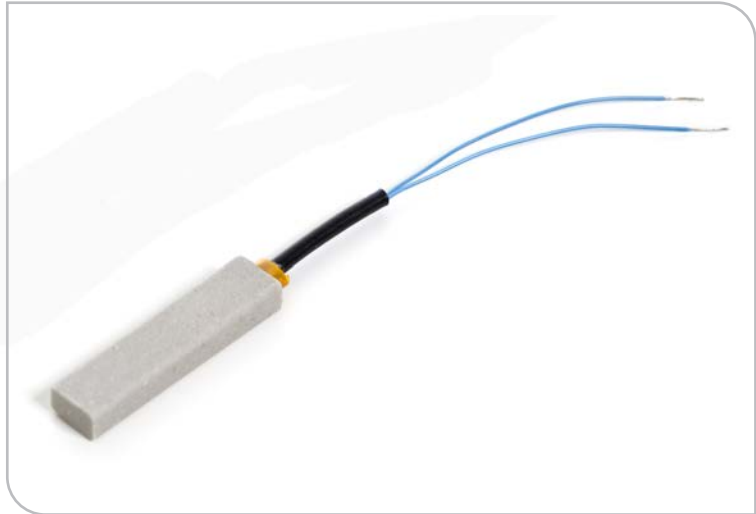
Also available as protection class I (DIN EN 60335-1)

NOTICE: Electrical component - please be advised to assure strain relief with assembly.

PFS-120-60-XX-II/100-30 110-240V

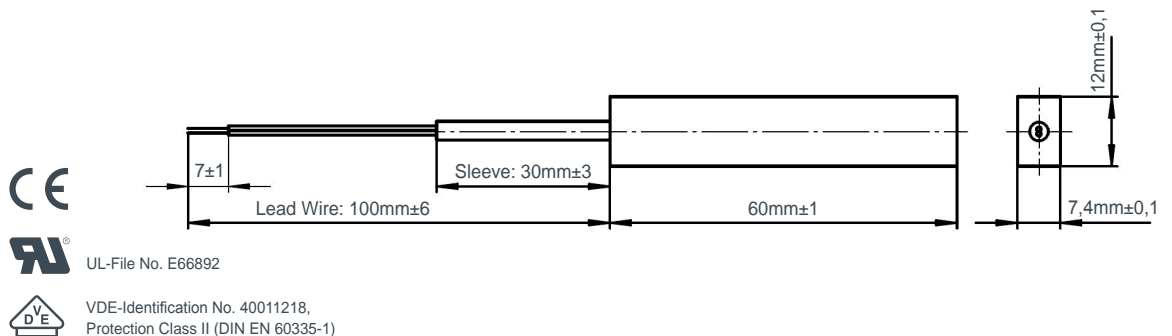
Features:

- Self-regulating heating element with rectangular silicone housing
- Compact design
- Easy assembling
- Highly effective heat transfer through expansion of the silicone when heating
- Available in different power - / temperature levels



Type	PFS (PTC Heating Element)			
	PFS-120-60-29-II/100-30	PFS-120-60-29-II/100-30	PFS-120-60-29-II/100-30	PFS-120-60-28-II/100-30
Operating Voltage	110-240V			
Nominal Voltage	230V			
Power * ±10%	21W	28W	48W	65W
Surface Temperature ±10°C measured on free air (~ 25°C) without airflow	80°C	100°C	145°C	195°C
max. Inrush Current	2,5A	3A	7A	2A
Resistance at 25°C	364 - 756Ω	364 - 756Ω	260 - 540Ω	524 - 1179Ω
Dimension Housing	12 x 7,4mm			
Length Housing	60mm			
Wire Type	PTFE, Cu-silver plated, AWG24, blue			
Wire Length	100mm			
Connection	single wire			
Protection Class / Approvals	II / UL / CE			
Insulation Test Voltage	3.750V			
Order Nr.	395310,01	395311,01	395312,01	395313,01

* Power measured in ice-water (~ 0°C)



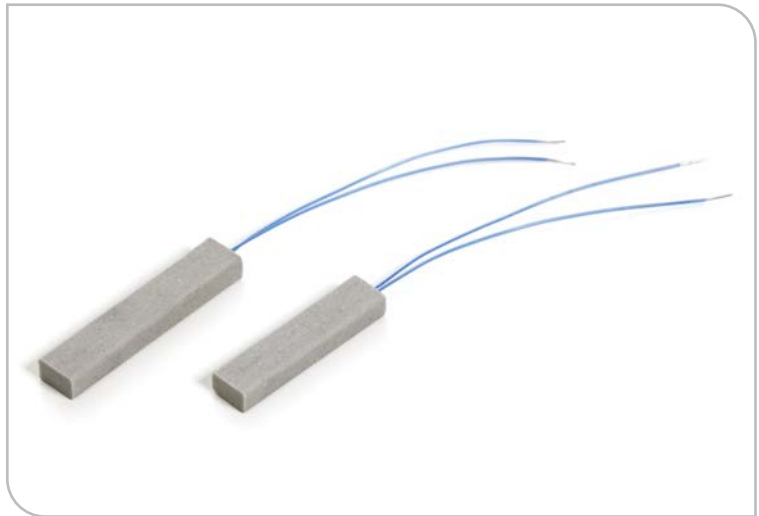
Also available as protection class I (DIN EN 60335-1)

NOTICE: Electrical component - please be advised to assure strain relief with assembly.

PFS Series Overview 12-24V

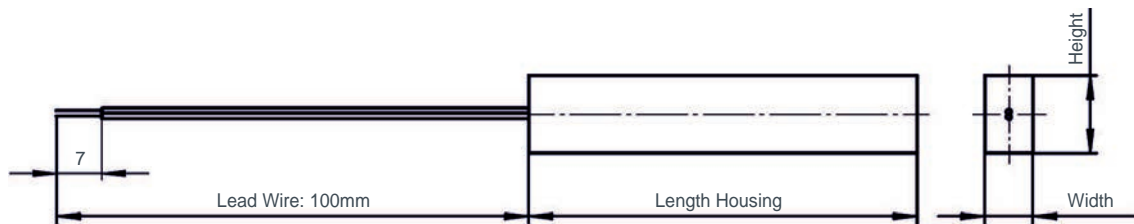
Features:

- Self-regulating heating element with rectangular silicone housing
- Compact design
- Easy assembling
- Highly effective heat transfer through expansion of the silicone when heating
- Available in different power - / temperature levels



Type	Width Height	Length of Housing	Power * ±10%	Surface Temperature ±10°C	Order No.
PFS-118-50-XX	7mm 11,8mm	50mm	20W	75°C	395322,01
			31W	100°C	395323,01
			52W	150°C	395324,01
			70W	205°C	395325,01
PFS-120-60-XX	7,4mm 12mm	60mm	29W	75°C	395314,01
			46W	100°C	395315,01
			75W	155°C	395316,01
			91W	205°C	395317,01

* Power measured in ice-water (~ 0°C) at 24V



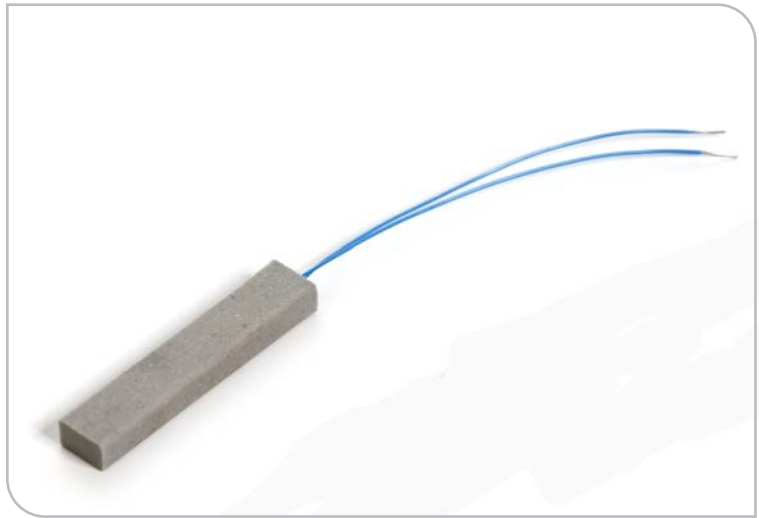
NOTICE: Electrical component - please be advised to assure strain relief with assembly.

PFS-118-50-XX-I/100

12-24V

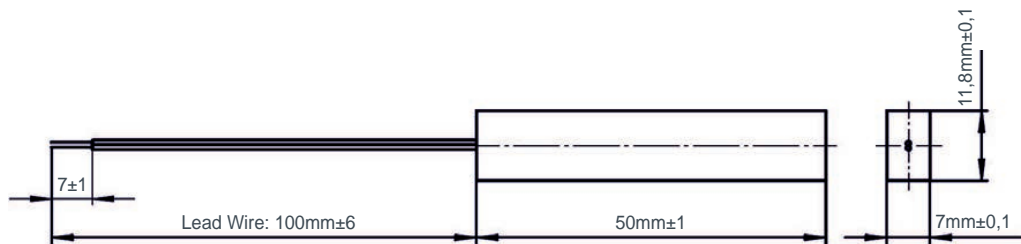
Features:

- Self-regulating heating element with rectangular silicone housing
- Compact design
- Easy assembling
- Highly effective heat transfer through expansion of the silicone when heating
- Available in different power - / temperature levels



Type	PFS (PTC Heating Element)			
	PFS-118-50-23-I/100	PFS-118-50-23-I/100	PFS-118-50-22-I/100	PFS-118-50-22-I/100
Operating Voltage	12-24V			
Nominal Voltage	24V			
Power * $\pm 10\%$	20W	31W	52W	70W
Surface Temperature $\pm 10^\circ\text{C}$ measured on free air ($\sim 25^\circ\text{C}$) without airflow	75°C	100°C	150°C	205°C
max. Inrush Current	6A	6A	14,5A	21A
Resistance at 25°C	6 - 14 Ω	6 - 14 Ω	2,1 - 4,3 Ω	3,2 - 9,6 Ω
Dimension Housing	11,8 x 7mm			
Length Housing	50mm			
Wire Type	FEP, Cu-tinned, 0,2mm ² , blue			
Wire Length	100mm			
Connection	single wire			
Approvals	CE			
Insulation Test Voltage	500V			
Order Nr.	395322,01	395323,01	395324,01	395325,01

* Power measured in ice-water ($\sim 0^\circ\text{C}$)



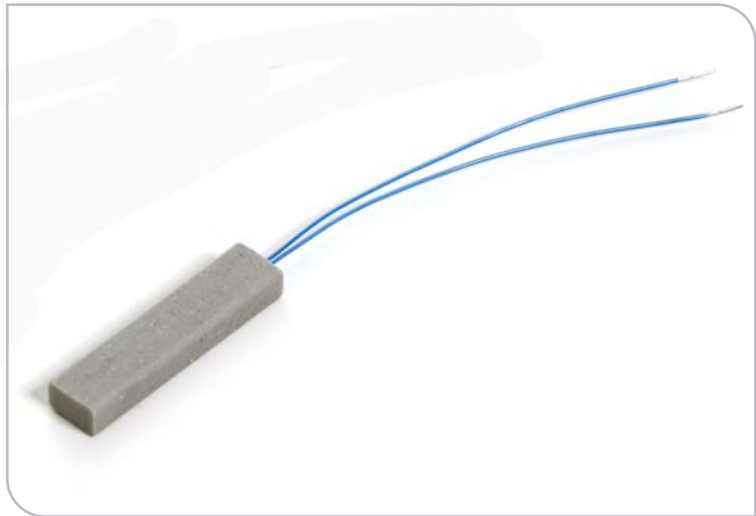
NOTICE: Electrical component - please be advised to assure strain relief with assembly.

PFS-120-60-XX-I/100

12-24V

Features:

- Self-regulating heating element with rectangular silicone housing
- Compact design
- Easy assembling
- Highly effective heat transfer through expansion of the silicone when heating
- Available in different power - / temperature levels



Type	PFS (PTC Heating Element)			
	PFS-120-60-33-I/100	PFS-120-60-33-I/100	PFS-120-60-31-I/100	PFS-120-60-31-I/100
Operating Voltage	12-24V			
Nominal Voltage	24V			
Power * ±10%	29W	46W	75W	91W
Surface Temperature ±10°C measured on free air (~ 25°C) without airflow	75°C	100°C	155°C	205°C
max. Inrush Current	7,5A	10A	26A	36A
Resistance at 25°C	4,2 - 9,7Ω	4,2 - 9,7Ω	1,4 - 3Ω	2,2 - 6,6Ω
Dimension Housing	12 x 7,4mm			
Length Housing	60mm			
Wire Type	FEP, Cu-tinned, 0,2mm ² , blue			
Wire Length	100mm			
Connection	single wire			
Approvals	CE			
Insulation Test Voltage	500V			
Order Nr.	395314,01	395315,01	395316,01	395317,01

* Power measured in ice-water (~ 0°C)



NOTICE: Electrical component - please be advised to assure strain relief with assembly.