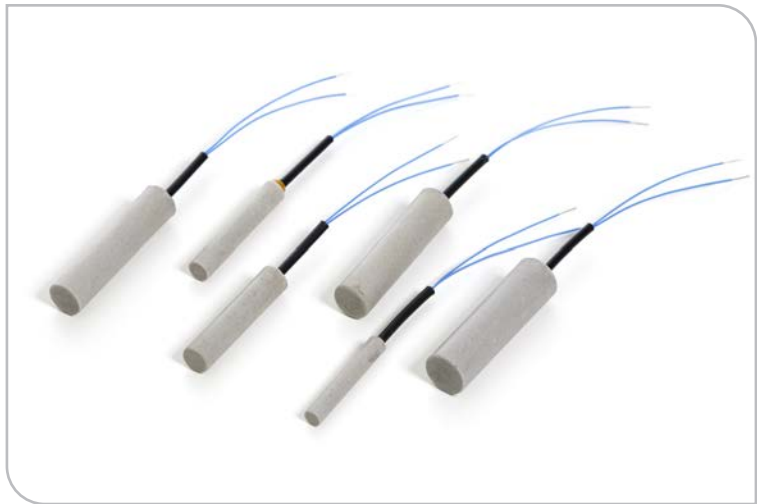


PSS Series Overview 110-240V

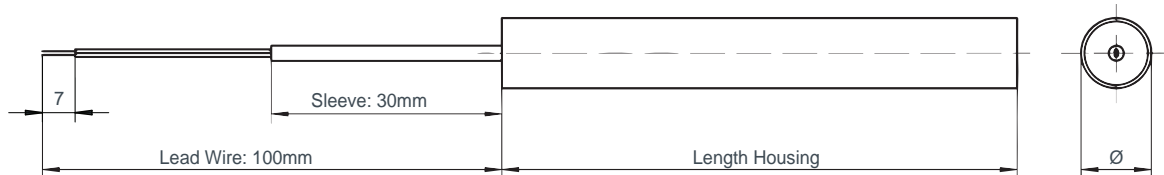


Features:

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

Type	Ø	Length of Housing	Power * ±10%	Surface Temperature ±10°C	Order No.
PSS-069-43-XX	6,9mm	43mm	14W	80°C	395250,01
			20W	130°C	395251,01
			35W	210°C	395252,01
PSS-089-50-XX	8,9mm	50mm	20W	80°C	395256,01
			45W	150°C	395257,01
			60W	205°C	395258,01
PSS-110-50-XX	11mm	50mm	28W	85°C	395262,01
			54W	155°C	395263,01
			68W	205°C	395264,01
PSS-138-60-XX	13,8mm	60mm	25W	80°C	395268,01
			43W	150°C	395269,01
			82W	195°C	395270,01
PSS-149-60-XX	14,9mm	60mm	22W	75°C	395274,01
			43W	145°C	395275,01
			80W	205°C	395276,01
PSS-171-60-XX	17,1mm	60mm	20W	75°C	395280,01
			40W	145°C	395281,01
			73W	195°C	395282,01

* 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.

PSS-069-43-XX-II/100-30 110-240V

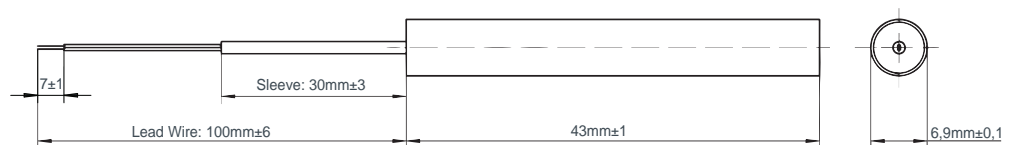


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-069-43-09-II/100-30	PSS-069-43-08-II/100-30	PSS-069-43-08-II/100-30
Operating Voltage	110-240V		
Nominal Voltage	230V		
Power * ±10%	14W	20W	35W
Surface Temperature ±10°C measured on free air (-25°C) without airflow	80°C	130°C	210°C
max. Inrush Current	1,5A	2A	1,5A
Resistance at 25°C	1213 - 2520Ω	858 - 1774Ω	1924 - 4329Ω
Diameter Housing	6,9mm		
Length Housing	43mm		
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 No.	395250,01	395251,01	395252,01

* Power measured in ice-water (~ 0°C)



UL-File No. E66892

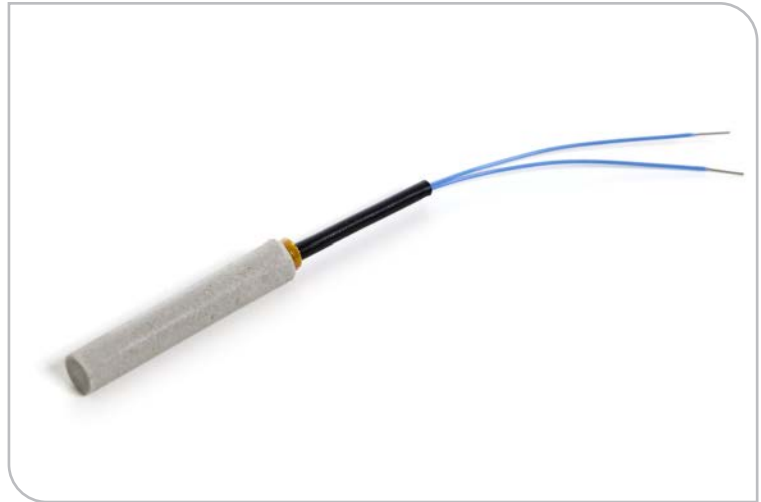


VDE-Identification No. 40011218,
Protection Class II (DIN EN 60335-1)

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

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

PSS-089-50-XX-II/100-30 110-240V

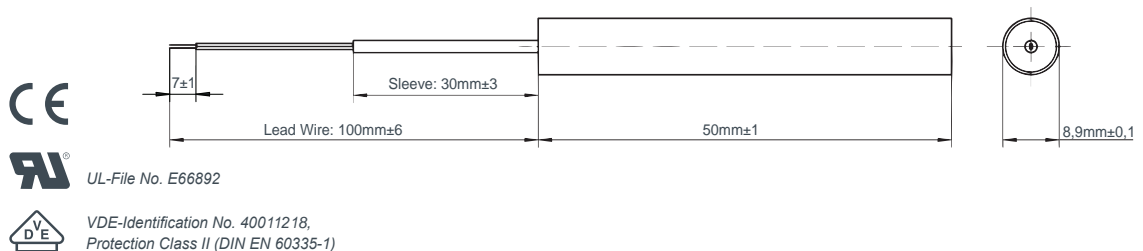


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-089-50-16-II/100-30	PSS-089-50-16-II/100-30	PSS-089-50-17-II/100-30
Operating Voltage	110-240V		
Nominal Voltage	230V		
Power * ±10%	20W	45W	60W
Surface Temperature ±10°C measured on free air (-25°C) without airflow	80°C	150°C	205°C
max. Inrush Current	1,5A	2,5A	3A
Resistance at 25°C	662 - 1375Ω	473 - 982Ω	873 - 1964Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	8,9mm		
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 No.	395256,01	395257,01	395258,01

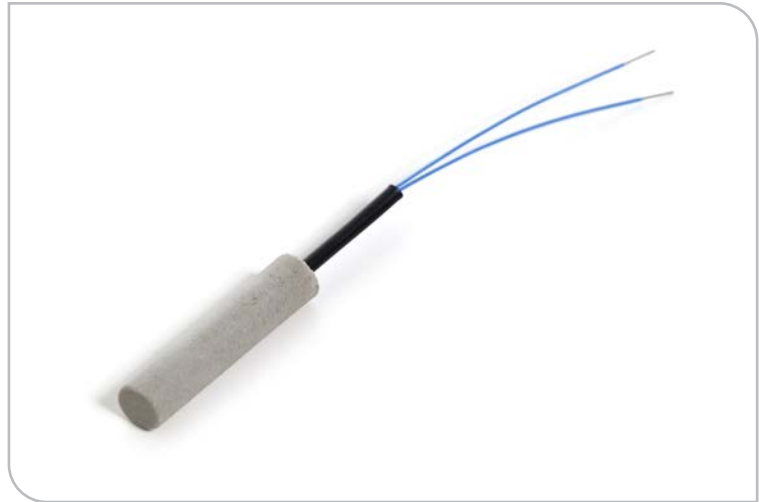
* Power measured in ice-water (~ 0°C)



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

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

PSS-110-50-XX-II/100-30 110-240V

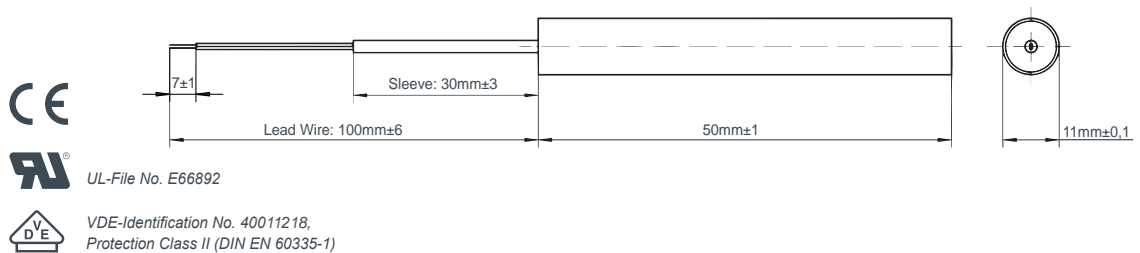


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-110-50-23-II/100-30	PSS-110-50-23-II/100-30	PSS-110-50-22-II/100-30
Operating Voltage	110-240V		
Nominal Voltage	230V		
Power * $\pm 10\%$	28W	54W	68W
Surface Temperature $\pm 10^\circ\text{C}$ measured on free air (-25°C) without airflow	85°C	155°C	205°C
max. Inrush Current	1,5A	3,5A	3A
Resistance at 25°C	455 - 945 Ω	325 - 675 Ω	662 - 1490 Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	11mm		
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 No.	395262,01	395263,01	395264,01

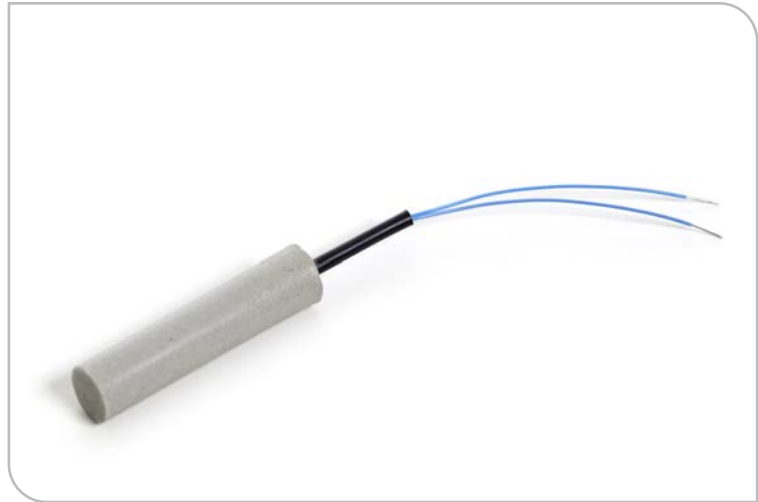
* Power measured in ice-water ($\sim 0^\circ\text{C}$)



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

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

PSS-138-60-XX-II/100-30 110-240V

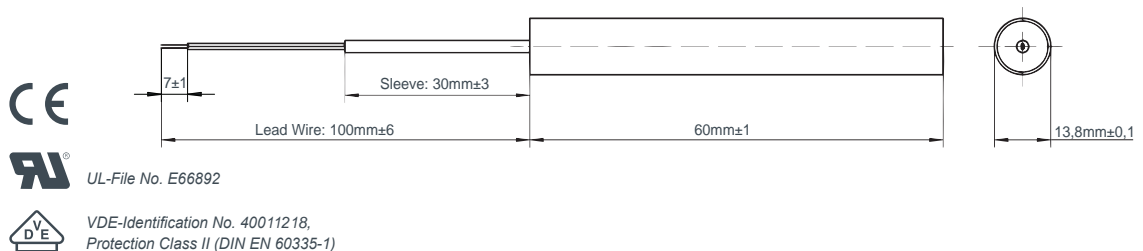


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-138-60-23-II/100-30	PSS-138-60-22-II/100-30	PSS-138-60-33-II/100-30
Operating Voltage	110-240V		
Nominal Voltage	230V		
Power * ±10%	25W	43W	82W
Surface Temperature ±10°C measured on free air (-25°C) without airflow	80°C	150°C	195°C
max. Inrush Current	2A	4A	3A
Resistance at 25°C	455 - 945Ω	350 - 1050Ω	559 - 1006Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	13,8mm		
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 No.	395268,01	395269,01	395270,01

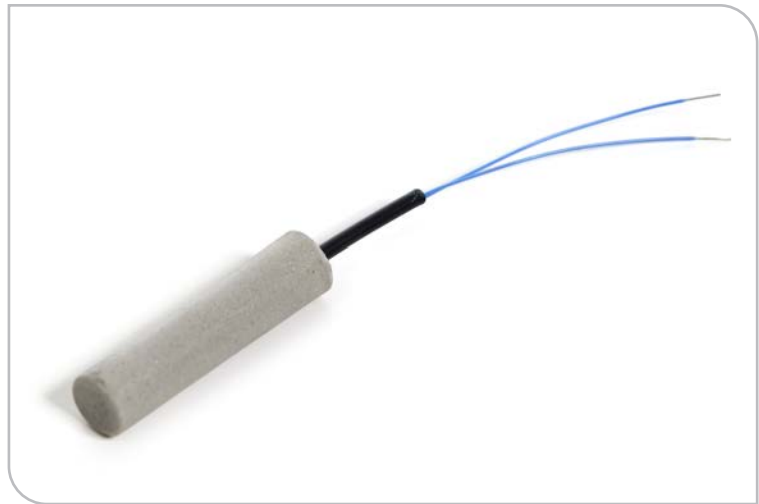
* Power measured in ice-water (~ 0°C)



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

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

PSS-149-60-XX-II/100-30 110-240V

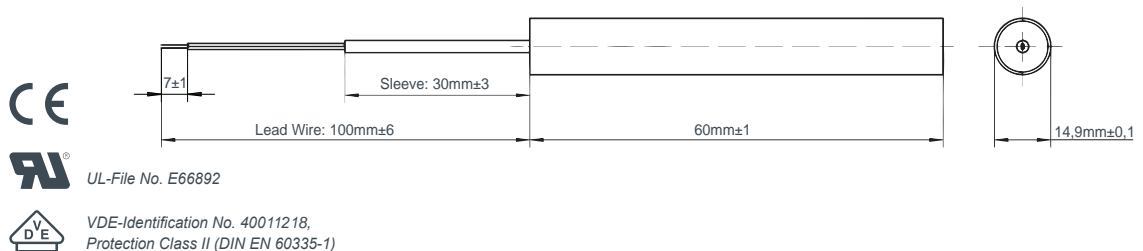


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-149-60-23-II/100-30	PSS-149-60-22-II/100-30	PSS-149-60-35-II/100-30
Operating Voltage	110-240V		
Nominal Voltage	230V		
Power * ±10%	22W	43W	80W
Surface Temperature ±10°C measured on free air (-25°C) without airflow	75°C	145°C	205°C
max. Inrush Current	2A	2A	3A
Resistance at 25°C	455 - 945Ω	350 - 1050Ω	528 - 950Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	14,9mm		
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 No.	395274,01	395275,01	395276,01

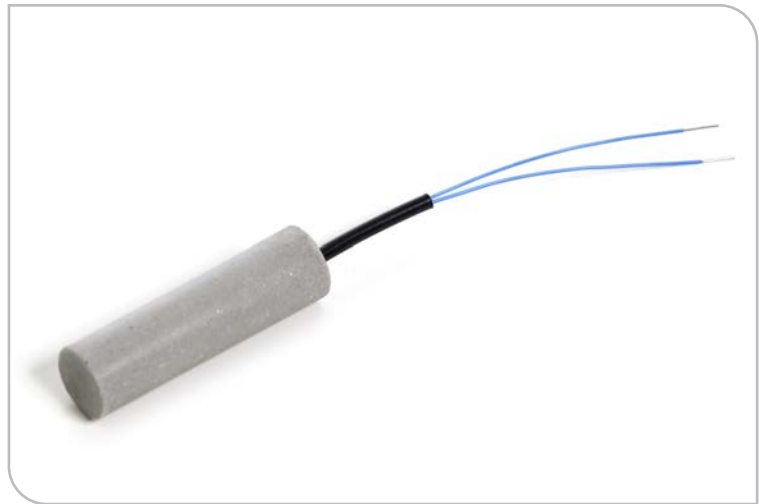
* Power measured in ice-water (~ 0°C)



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

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

PSS-171-60-XX-II/100-30 110-240V

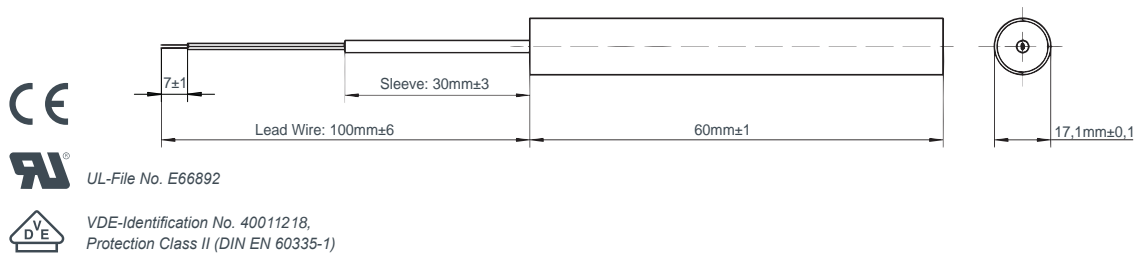


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-171-60-23-II/100-30	PSS-171-60-22-II/100-30	PSS-171-60-35-II/100-30
Operating Voltage	110-240V		
Nominal Voltage	230V		
Power * ±10%	20W	40W	73W
Surface Temperature ±10°C measured on free air (-25°C) without airflow	75°C	145°C	195°C
max. Inrush Current	2A	2A	3A
Resistance at 25°C	455 - 945Ω	350 - 1050Ω	528 - 950Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	17,1mm		
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 No.	395280,01	395281,01	395282,01

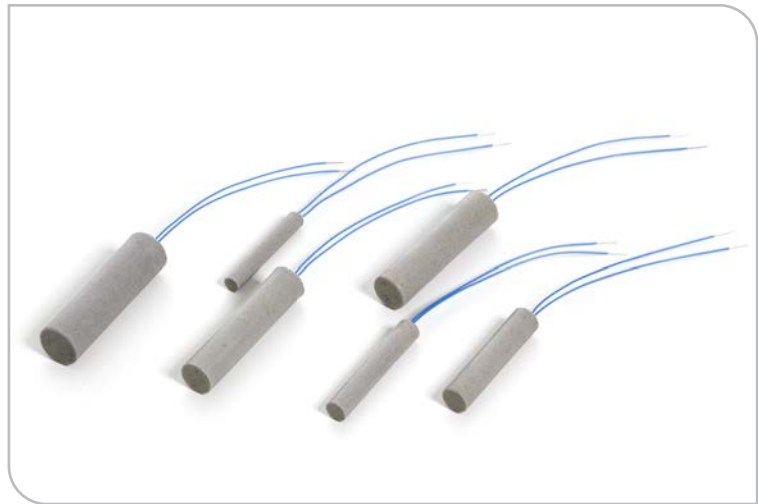
* Power measured in ice-water (~ 0°C)



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

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

PSS-Series Overview 12-24V

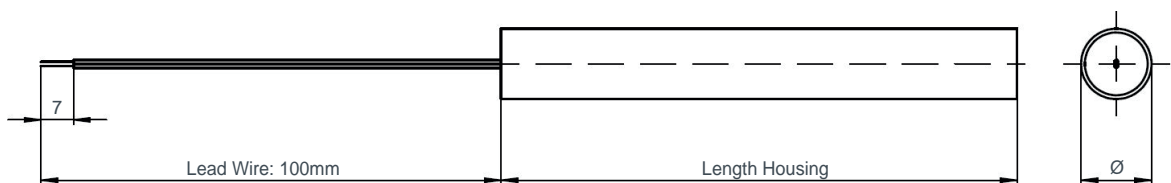


Features:

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

Type	Ø	Length of Housing	Power * ±10%	Surface Temperature ±10°C	Order No.
PSS-069-43-XX	6,9mm	43mm	12W	70°C	395253,01
			40W	155°C	395254,01
			50W	200°C	395255,01
PSS-089-50-XX	8,9mm	50mm	16W	70°C	395259,01
			45W	165°C	395260,01
			52W	195°C	395261,01
PSS-110-50-XX	11mm	50mm	20W	75°C	395265,01
			53W	150°C	395266,01
			62W	205°C	395267,01
PSS-138-60-XX	13,8mm	60mm	18W	70°C	395271,01
			44W	160°C	395272,01
			52W	200°C	395273,01
PSS-149-60-XX	14,9mm	60mm	16W	70°C	395277,01
			40W	155°C	395278,01
			49W	190°C	395279,01
PSS-171-60-XX	17,1mm	60mm	15W	65°C	395283,01
			39W	145°C	395284,01
			46W	180°C	395285,01

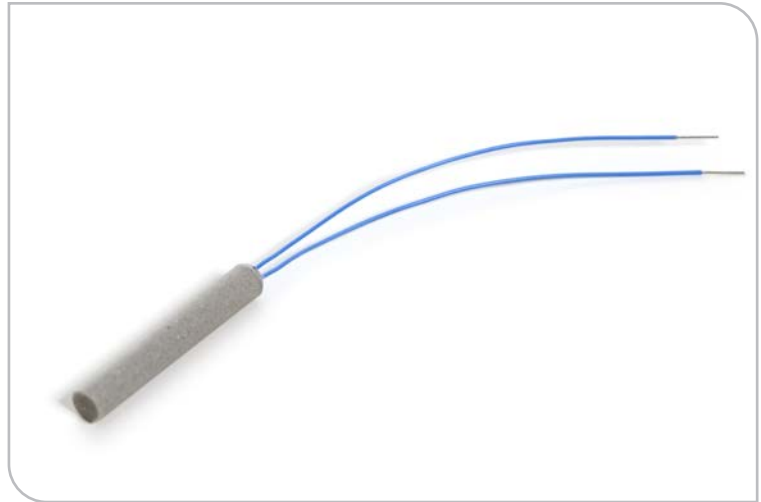
* Power measured in ice-water (~ 0°C) at 24V



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

PSS-069-43-XX-I/100

12-24V

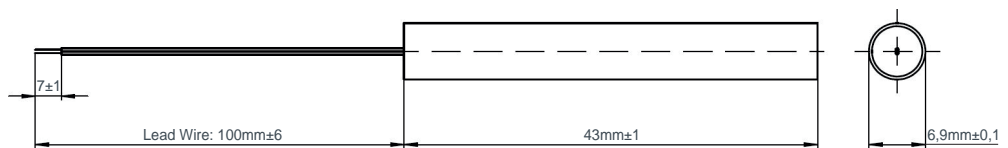


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-069-43-09-I/100	PSS-069-43-10-I/100	PSS-069-43-10-I/100
Operating Voltage	12-24V		
Nominal Voltage	24V		
Power * ±10%	12W	40W	50W
Surface Temperature ±10°C measured on free air (-25°C) without airflow	70°C	155°C	200°C
max. Inrush Current	2,5A	11A	11,5A
Resistance at 25°C	16 - 37Ω	4 - 9Ω	7 - 21Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	6,9mm		
Length Housing	43mm		
Wire Type	FEP, Cu-tinned, 0,2mm², blue		
Wire Length	100mm		
Connection	single wire		
Protection Class / Approvals	CE		
Insulation Test Voltage	500V		
Order No.	395253,01	395254,01	395255,01

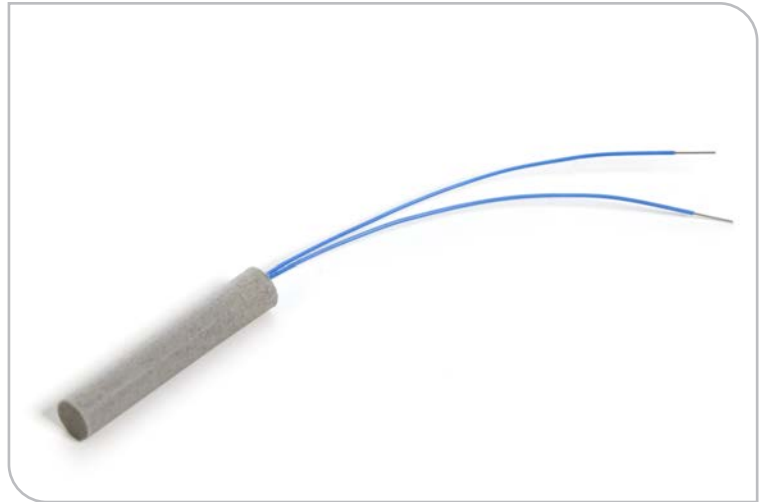
* Power measured in ice-water (~ 0°C)



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

PSS-089-50-XX-I/100

12-24V

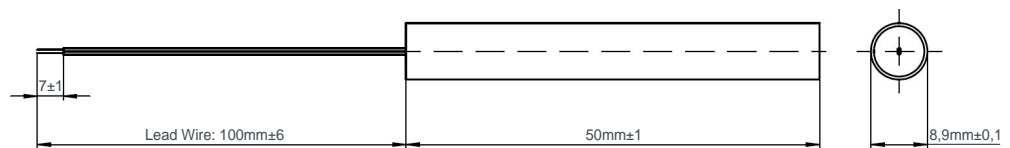


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-089-50-16-I/100	PSS-089-50-16-I/100	PSS-089-50-15-I/100
Operating Voltage	12-24V		
Nominal Voltage	24V		
Power * $\pm 10\%$	16W	45W	52W
Surface Temperature $\pm 10^\circ\text{C}$ measured on free air (-25°C) without airflow	70°C	165°C	195°C
max. Inrush Current	5A	16A	18A
Resistance at 25°C	9 - 20Ω	3 - 7Ω	5 - 14Ω
Max. Ambient Temperature	$+70^\circ\text{C}$		
Diameter Housing	8,9mm		
Length Housing	50mm		
Wire Type	FEP, Cu-tinned, $0,2\text{mm}^2$, blue		
Wire Length	100mm		
Connection	single wire		
Protection Class / Approvals	CE		
Insulation Test Voltage	500V		
Order No.	395259,01	395260,01	395261,01

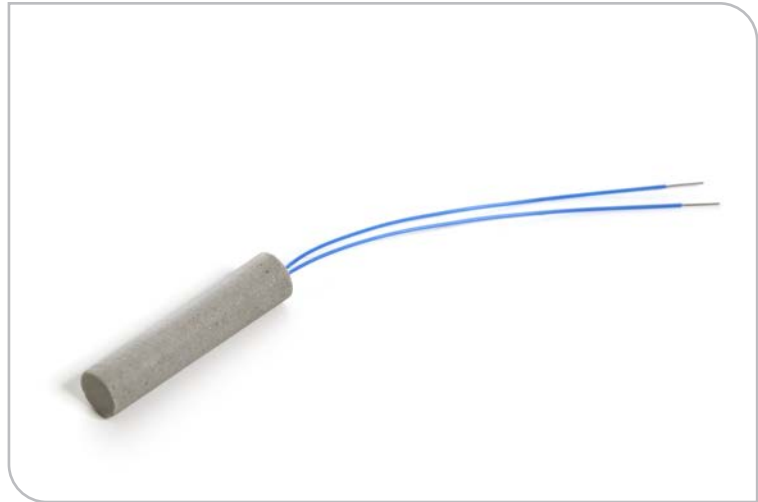
* Power measured in ice-water ($\sim 0^\circ\text{C}$)



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

PSS-110-50-XX-I/100

12-24V

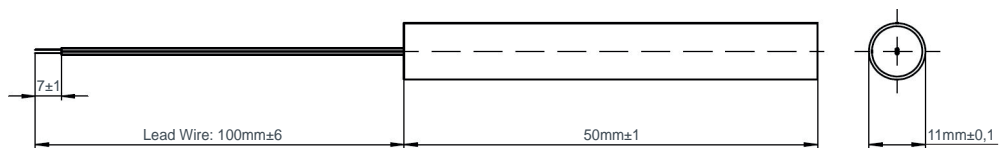


Features:

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

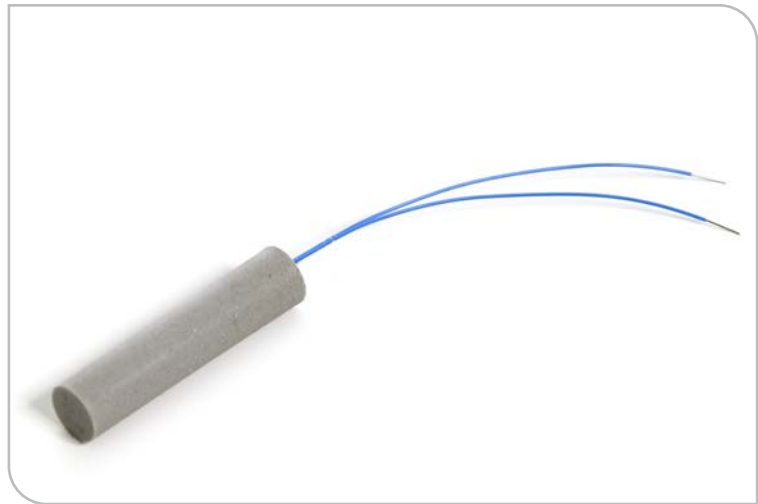
Type	PSS (PTC Heating Element)		
	PSS-110-50-23-I/100	PSS-110-50-23-I/100	PSS-110-50-22-I/100
Operating Voltage	12-24V		
Nominal Voltage	24V		
Power * ±10%	20W	53W	62W
Surface Temperature ±10°C measured on free air (~25°C) without airflow	75°C	150°C	205°C
max. Inrush Current	6A	24A	25A
Resistance at 25°C	6 - 14Ω	2 - 5Ω	3 - 10Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	11mm		
Length Housing	50mm		
Wire Type	FEP, Cu-tinned, 0,2mm ² , blue		
Wire Length	100mm		
Connection	single wire		
Protection Class / Approvals	CE		
Insulation Test Voltage	500V		
Order No.	395265,01	395266,01	395267,01

* Power measured in ice-water (~ 0°C)



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

PSS-138-60-XX-I/100 12-24V

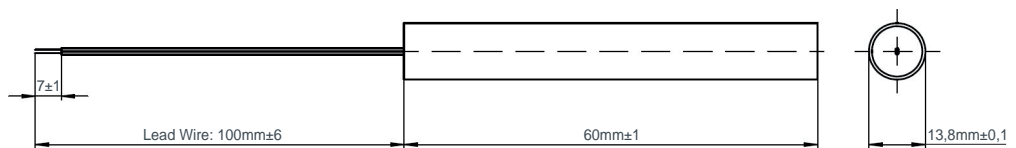


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-138-60-23-I/100	PSS-138-60-23-I/100	PSS-138-60-22-I/100
Operating Voltage	12-24V		
Nominal Voltage	24V		
Power * ±10%	18W	44W	52W
Surface Temperature ±10°C measured on free air (~25°C) without airflow	70°C	160°C	200°C
max. Inrush Current	6A	24A	25A
Resistance at 25°C	6 - 14Ω	2 - 5Ω	3 - 10Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	13,8mm		
Length Housing	60mm		
Wire Type	FEP, Cu-tinned, 0,2mm², blue		
Wire Length	100mm		
Connection	single wire		
Protection Class / Approvals	CE		
Insulation Test Voltage	500V		
Order No.	395271,01	395272,01	395273,01

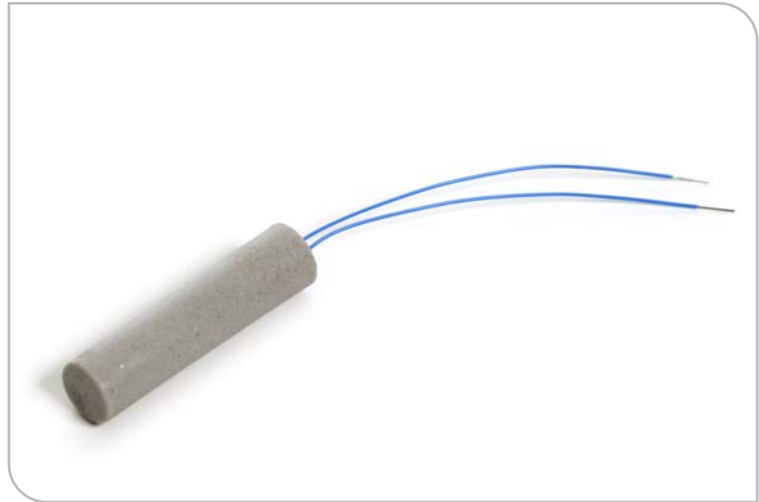
* Power measured in ice-water (~ 0°C)



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

PSS-149-60-XX-I/100

12-24V

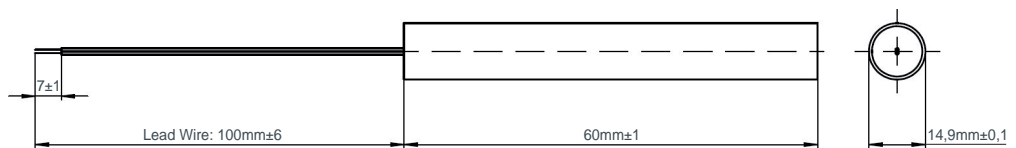


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-149-60-23-I/100	PSS-149-60-23-I/100	PSS-149-60-22-I/100
Operating Voltage	12-24V		
Nominal Voltage	24V		
Power * ±10%	16W	40W	49W
Surface Temperature ±10°C measured on free air (-25°C) without airflow	70°C	155°C	190°C
max. Inrush Current	6A	24A	25A
Resistance at 25°C	6 - 14Ω	2 - 5Ω	3 - 10Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	14,9mm		
Length Housing	60mm		
Wire Type	FEP, Cu-tinned, 0,2mm ² , blue		
Wire Length	100mm		
Connection	single wire		
Protection Class / Approvals	CE		
Insulation Test Voltage	500V		
Order No.	395277,01	395278,01	395279,01

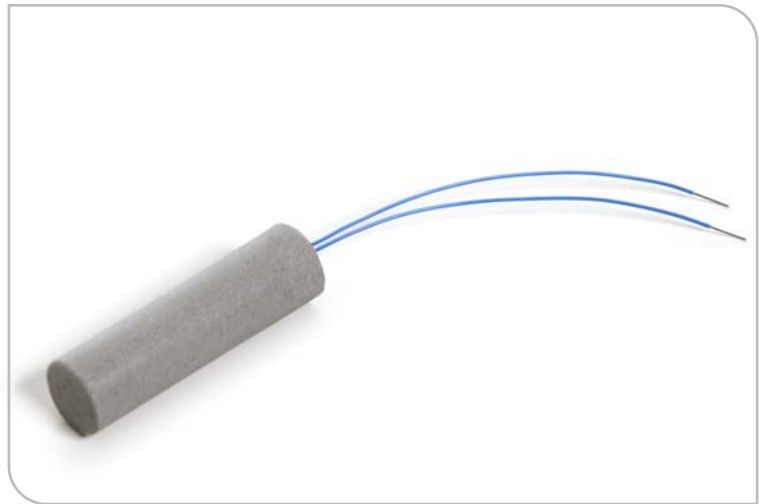
* Power measured in ice-water (~ 0°C)



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

PSS-171-60-XX-I/100

12-24V

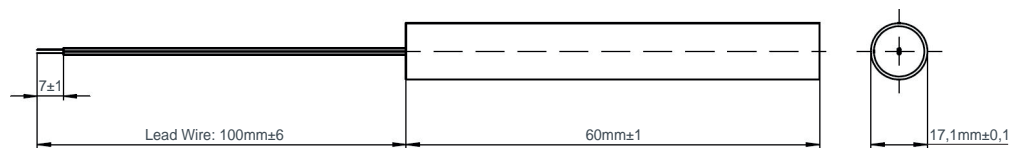


Features:

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

Type	PSS (PTC Heating Element)		
	PSS-171-60-23-I/100	PSS-171-60-23-I/100	PSS-171-60-22-I/100
Operating Voltage	12-24V		
Nominal Voltage	24V		
Power * ±10%	15W	39W	46W
Surface Temperature ±10°C measured on free air (~25°C) without airflow	65°C	145°C	180°C
max. Inrush Current	6A	24A	25A
Resistance at 25°C	6 - 14Ω	2 - 5Ω	3 - 10Ω
Max. Ambient Temperature	+70°C		
Diameter Housing	17,1mm		
Length Housing	60mm		
Wire Type	FEP, Cu-tinned, 0,2mm², blue		
Wire Length	100mm		
Connection	single wire		
Protection Class / Approvals	CE		
Insulation Test Voltage	500V		
Order No.	395283,01	395284,01	395285,01

* Power measured in ice-water (~ 0°C)



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