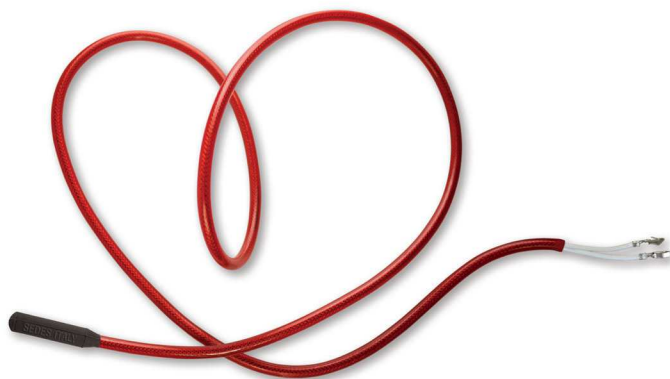


SEDES STANDARD CODES

SEDES IN NUMBERS



1979

SINCE

Successfully producing heating elements since 1979.

5.000

GLOBAL

5.000 sqm plant in Italy and 5.000 sqm plant in Brazil.

10+

HEATERS

10 production lines with 20.000 custom codes and 100 std heaters.

200

PEOPLE

200 young people from all over the world sharing our mission.

1000

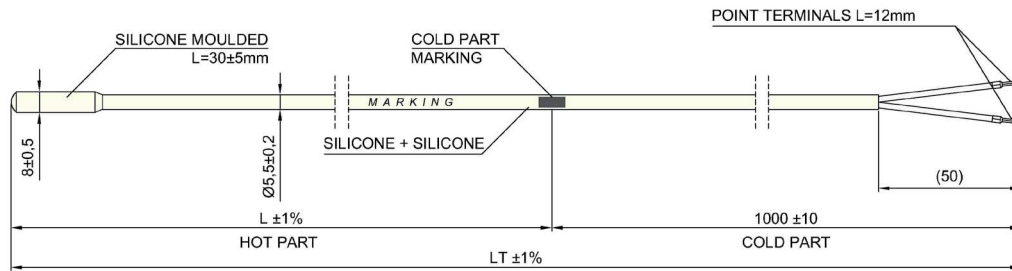
GREEN

Producing 1000 KW/month and using cogeneration since 1993.

SEDES STANDARD CODES

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Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/m	L (mm)	LT (mm)
020903790	SDS.MEH.001	230	40	40	1000	2000
020832190	SDS.MEH.002	230	60	40	1500	2500
020903890	SDS.MEH.003	230	80	40	2000	3000
020743490	SDS.MEH.004	230	100	40	2500	3500
020903990	SDS.ME.H005	230	120	40	3000	4000
020904090	SDS.MEH.006	230	160	40	4000	5000
020904190	SDS.MEH.007	230	200	40	5000	6000
020904290	SDS.MEH.008	230	240	40	6000	7000
020904390	SDS.MEH.009	230	280	40	7000	8000
020904490	SDS.MEH.010	230	320	40	8000	9000
020904590	SDS.MEH.011	230	360	40	9000	10000
020904690	SDS.MEH.012	230	400	40	10000	11000
020904790	SDS.MEH.013	230	50	50	1000	2000
020719590	SDS.MEH.014	230	75	50	1500	2500
020904890	SDS.MEH.015	230	100	50	2000	3000
020905790	SDS.MEH.016	230	125	50	2500	3500
020904990	SDS.MEH.017	230	150	50	3000	4000
020905090	SDS.MEH.018	230	200	50	4000	5000
020905190	SDS.MEH.019	230	250	50	5000	6000
020905290	SDS.MEH.020	230	300	50	6000	7000
020905390	SDS.MEH.021	230	350	50	7000	8000
020905490	SDS.MEH.022	230	400	50	8000	9000
020905590	SDS.MEH.023	230	450	50	9000	10000
020905690	SDS.MEH.024	230	500	50	10000	11000

MAIN BENEFITS:

- Fits perfectly complex surfaces such as cavities and tubes
- Works immersed in water or environments with high humidity
- Minimize installation time and replacement cost
- High design customizability
- Wide range of terminals, plugs, and/or specific connections

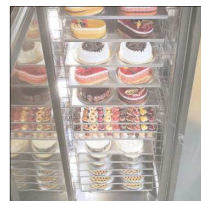
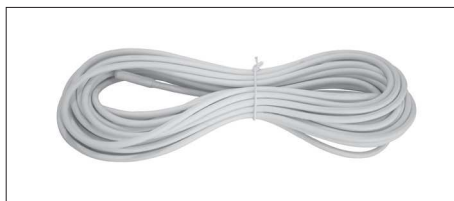
APPLICATIONS:

- Automotive and transport
- Air conditioning
- Commercial and industrial refrigeration
- Bath furnishings
- Aesthetic sector
- Household appliances
- Warming tubes

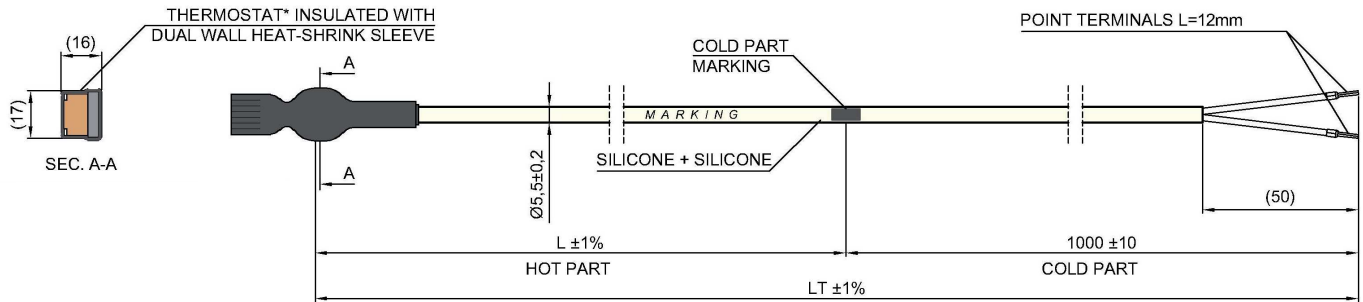
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



MONO-EXIT HEATING CABLE WITH THERMOSTAT - MET



Also available as UL approved version, on request

***THERMOSTAT SPECIFICATION**

- NORMALLY CLOSED
- TEMPERATURE: $T_{ON}=6^{\circ}C - T_{OFF}=16^{\circ}C$
- OPERATING LIFE: 100.000 cycles (10A 250V AC)

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/m	L (mm)	LT (mm)
032903790	SDS.MET.001	230	40	40	1000	2000
032832190	SDS.MET.002	230	60	40	1500	2500
032903890	SDS.MET.003	230	80	40	2000	3000
032743490	SDS.MET.004	230	100	40	2500	3500
032903990	SDS.MET.005	230	120	40	3000	4000
032904090	SDS.MET.006	230	160	40	4000	5000
032904190	SDS.MET.007	230	200	40	5000	6000
032904290	SDS.MET.008	230	240	40	6000	7000
032904390	SDS.MET.009	230	280	40	7000	8000
032904490	SDS.MET.010	230	320	40	8000	9000
032904590	SDS.MET.011	230	360	40	9000	10000
032904690	SDS.MET.012	230	400	40	10000	11000
032904790	SDS.MET.013	230	50	50	1000	2000
032719590	SDS.MET.014	230	75	50	1500	2500
032904890	SDS.MET.015	230	100	50	2000	3000
032905790	SDS.MET.016	230	125	50	2500	3500
032904990	SDS.MET.017	230	150	50	3000	4000
032905090	SDS.MET.018	230	200	50	4000	5000
032905190	SDS.MET.019	230	250	50	5000	6000
032905290	SDS.MET.020	230	300	50	6000	7000
032905390	SDS.MET.021	230	350	50	7000	8000
032905490	SDS.MET.022	230	400	50	8000	9000
032905590	SDS.MET.023	230	450	50	9000	10000
032905690	SDS.MET.024	230	500	50	10000	11000

MAIN BENEFITS:

- Highly customizable
- Excellent flexibility
- Good mechanical resistance
- Fits perfectly to wide surfaces to be heated
- Simple to install
- Easy wiring and finishing
- Supplied in coils
- Thermostat included

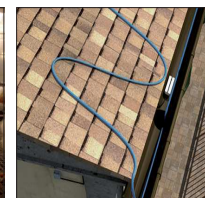
APPLICATIONS:

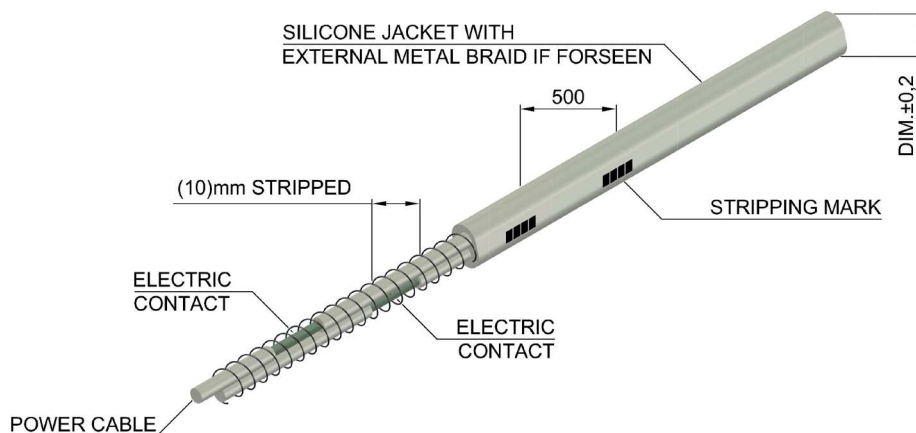
- Commercial and industrial refrigeration
- Air conditioning
- Construction (floor heating, drain pipes)
- Greenhouses heating

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





 Also available as UL approved version, on request

MAIN BENEFITS:

- Highly customizable
- Excellent flexibility
- Good mechanical resistance
- Fits perfectly to wide surfaces to be heated
- Diameter from min. 3,5mm
- Simple to install
- Easy wiring and finishing
- Supplied in coils

APPLICATIONS:

- Commercial and industrial refrigeration
- Air conditioning
- Construction (floor heating, drain pipes)
- Greenhouses heating

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



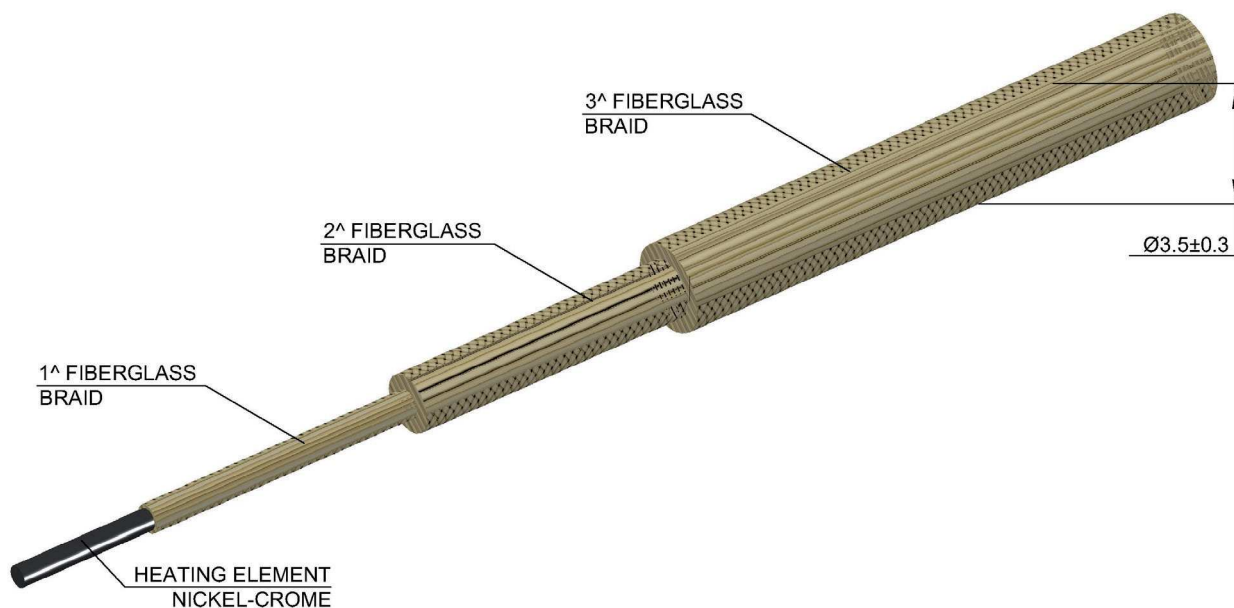
CONSTANT POWER CABLE - CPC

SEDES Code	Speed Code	Volt (V)	W/m	Dimension (mm)	Metal braid	Colour
331074310	SDS.CPC.001	230	10	Ø 3,5	NO	CLEAR
331074610	SDS.CPC.002	230	15	Ø 3,5	NO	CLEAR
331074410	SDS.CPC.003	230	20	Ø 3,5	NO	CLEAR
331074710	SDS.CPC.004	230	25	Ø 3,5	NO	CLEAR
331073810	SDS.CPC.005	230	30	Ø 3,5	NO	CLEAR
331074510	SDS.CPC.006	230	40	Ø 3,5	NO	CLEAR
331073910	SDS.CPC.007	230	50	Ø 3,5	NO	CLEAR
332074310	SDS.CPC.008	230	10	Ø 4,0	YES	CLEAR
332074610	SDS.CPC.009	230	15	Ø 4,0	YES	CLEAR
332074410	SDS.CPC.010	230	20	Ø 4,0	YES	CLEAR
332074710	SDS.CPC.011	230	25	Ø 4,0	YES	CLEAR
332073810	SDS.CPC.012	230	30	Ø 4,0	YES	CLEAR
332074510	SDS.CPC.013	230	40	Ø 4,0	YES	CLEAR
332073910	SDS.CPC.014	230	50	Ø 4,0	YES	CLEAR
351046710	SDS.CPC.015	230	15	6,5 x 4,5	NO	CLEAR
351049010	SDS.CPC.016	230	20	6,5 x 4,5	NO	CLEAR
351046610	SDS.CPC.017	230	25	6,5 x 4,5	NO	CLEAR
351048510	SDS.CPC.018	230	30	6,5 x 4,5	NO	CLEAR
351061610	SDS.CPC.019	230	35	6,5 x 4,5	NO	CLEAR
351048910	SDS.CPC.020	230	40	6,5 x 4,5	NO	WHITE
351053610	SDS.CPC.021	230	50	6,5 x 4,5	NO	CLEAR
351080510	SDS.CPC.022	230	60	6,5 x 4,5	NO	CLEAR
352046710	SDS.CPC.023	230	15	7,5 x 5,0	YES	CLEAR
352049010	SDS.CPC.024	230	20	7,5 x 5,0	YES	CLEAR
352046610	SDS.CPC.025	230	25	7,5 x 5,0	YES	CLEAR
352048510	SDS.CPC.026	230	30	7,5 x 5,0	YES	CLEAR
352061610	SDS.CPC.027	230	35	7,5 x 5,0	YES	CLEAR
352048910	SDS.CPC.028	230	40	7,5 x 5,0	YES	WHITE
352053610	SDS.CPC.029	230	50	7,5 x 5,0	YES	CLEAR
352080510	SDS.CPC.030	230	60	7,5 x 5,0	YES	CLEAR

SEDES Code	Speed Code	Description
850000500	SDS.CPC.K01	Assembly kit for constant power cable (heat shrink sleeves)



HIGH TEMPERATURE HEATING CABLE - HTH



SEDES Code	Speed Code	Volt (V)	OHM/mt
303097390	SDS.HTH.001	-	2,10
303099390	SDS.HTH.002	-	2,85
303099490	SDS.HTH.003	-	4,00

MAIN BENEFITS:

- High adaptability to complex surfaces
- High temperature resistance until 400°C

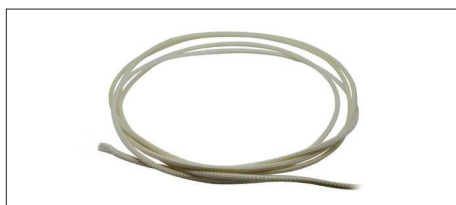
APPLICATIONS:

- Professional oven
- Other applications which need to reach high temperature in a total dry environment

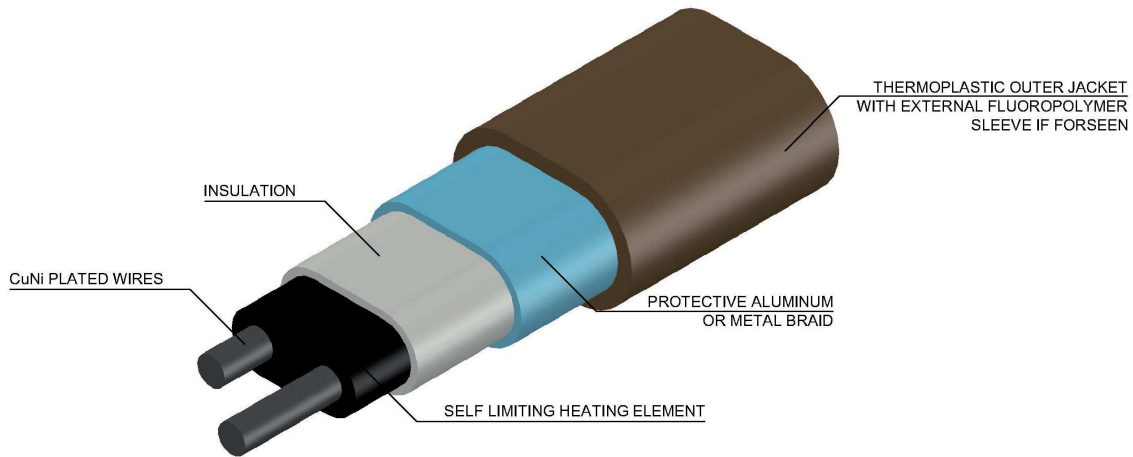
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



SELF-REGULATING HEATING CABLE - SRH



SEDES Code	Speed Code	Dimensions (mm)	Volt (V)	W/m	Max Circuit Length (m)	Aluminium	Metal Braid	Outer jacket	Fluoro-polymer
810001000	SDS.SRH.001	6,1 x 5,6	230	27 (0°C)	110	NO	NO	NO	NO
810001100	SDS.SRH.002	6,1 x 5,6	230	38 (0°C)	110	NO	NO	NO	NO
810001200	SDS.SRH.003	7,3 x 5,1	230	12 (10°C)	110	YES	NO	YES	NO
810001300	SDS.SRH.004	10,2 x 4,8	230	10 (10°C)	205	NO	YES	YES	YES
810001400	SDS.SRH.005	10,2 x 4,8	230	15 (10°C)	190	NO	YES	YES	YES
810001500	SDS.SRH.006	10,2 x 4,8	230	30 (10°C)	115	NO	YES	YES	YES
810001600	SDS.SRH.007	10,2 x 4,8	230	45 (10°C)	85	NO	YES	YES	YES
810001700	SDS.SRH.008	10,2 x 4,8	230	60 (10°C)	65	NO	YES	YES	YES
810001800	SDS.SRH.009	11,5 x 5,5	230	10 (10°C)	205	NO	YES	YES	YES
810001900	SDS.SRH.010	11,5 x 5,5	230	15 (10°C)	160	NO	YES	YES	YES
810002000	SDS.SRH.011	11,5 x 5,5	230	20 (10°C)	140	NO	YES	YES	YES
810002100	SDS.SRH.012	11,5 x 5,5	230	25 (10°C)	130	NO	YES	YES	YES
810002200	SDS.SRH.013	11,5 x 5,5	230	33 (10°C)	110	NO	YES	YES	YES
810002300	SDS.SRH.014	11,7 x 4,7	230	9 (55°C)	130	YES	NO	YES	NO
810002400	SDS.SRH.015	11,7 x 4,7	230	13 (65°C)	110	YES	NO	YES	NO
810002500	SDS.SRH.016	14,6 x 4,8	230	10 (10°C)	215	YES	NO	YES	NO
810002600	SDS.SRH.017	14,6 x 4,8	230	20 (10°C)	170	YES	NO	YES	NO
810002700	SDS.SRH.018	14,6 x 4,8	230	30 (10°C)	140	YES	NO	YES	NO
810002800	SDS.SRH.019	14,6 x 4,8	230	40 (10°C)	120	YES	NO	YES	NO

MAIN BENEFITS:

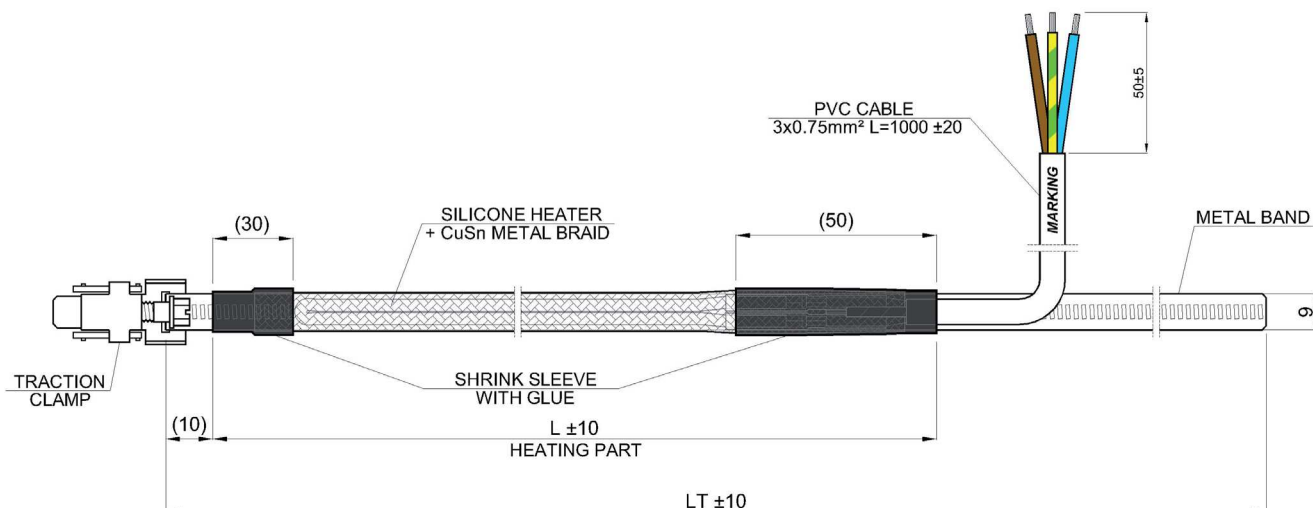
- Prevent any risk of burst pipes due to freezing
- Easy operation safely
- The power changes depending on the temperature and prevents overheating


APPLICATIONS:

- Drain pipes
- Construction (outdoor floor heating, roof)

Approval product marks:





 Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/m	L (mm)	LT (mm)	Clamping Ø Min. + Max.
007903190	SDS.CKH.001	230	35	66	350	560	130 ÷ 170
007903290	SDS.CKH.002	230	40	64	400	560	145 ÷ 170
007903390	SDS.CKH.003	230	45	61	450	890	160 ÷ 280
007903490	SDS.CKH.004	230	55	59	550	890	195 ÷ 280
007903590	SDS.CKH.005	230	65	58	650	1020	225 ÷ 320
007903690	SDS.CKH.006	230	75	56	750	1170	255 ÷ 370
007813190	SDS.CKH.007	230	130	73	980	1170	315 ÷ 380

TECHNICAL FEATURES:

Voltage: 230V 1 50/60Hz
 Power: SEE TABLE (±10%)
 Dielectric strength: 1500V
 Insulation: > 2000Mohm (500Vcc)
 Mechanical protection: Metal braided CuSn
 Earthing: Yes

Approval product marks:



Standard of reference:
 Regulation 1907/2006 (Reach)
 Directive 2011/65/CE (RoHS2)

MAIN BENEFITS:

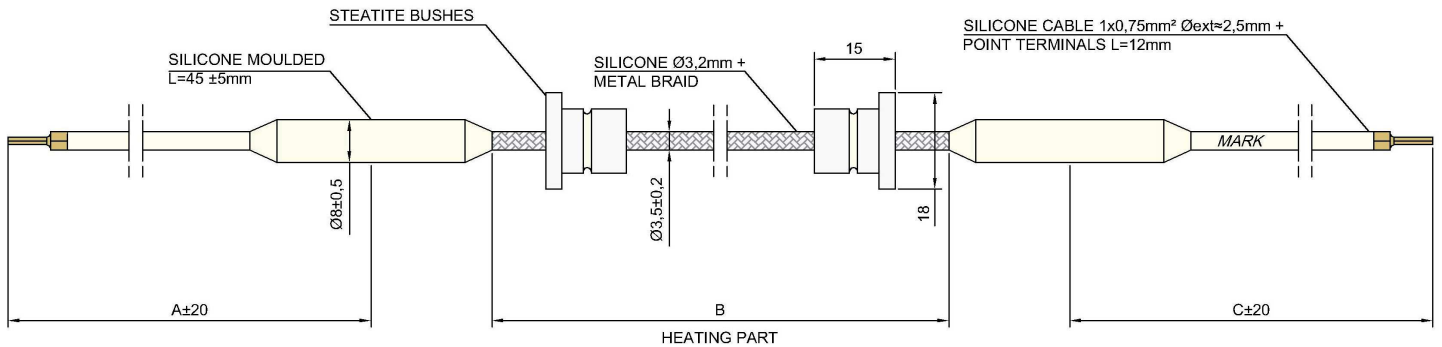
- Highly customizable
- Excellent flexibility
- Good mechanical resistance
- Fits perfectly to wide surfaces to be heated
- Variable diameters
- Simply to install
- Easy wiring and finishing

APPLICATIONS:

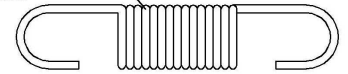
- Commercial and industrial refrigeration
- Rotative compressors



CRANKCASE HEATERS - CKB



SPRING L=60mm, Ø12mm
SUPPLIED SEPARATELY
COD. 900010800



 Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/m	A (mm)	B (mm)	C (mm)	N° Spring Standard L = 60mm
007533190	SDS.CKB.001	230	20	27	1180	770 - 22 + 0	1180	1
007793090	SDS.CKB.002	230	20	34	620	600 - 15 + 0	620	1
007535790	SDS.CKB.003	230	25	30	1180	870 - 22 + 0	1180	1
007176390	SDS.CKB.004	240	28	33	760	860 - 22 + 0	760	1
007697990	SDS.CKB.005	240	30	40	720	800 - 22 + 0	720	1
007697890	SDS.CKB.006	240	30	47	720	680 - 22 + 0	720	1
007502590	SDS.CKB.007	240	40	44	1180	945 - 22 + 0	1180	1
007483690	SDS.CKB.008	230	68	62	1180	1130 - 22 + 0	1180	1
007697690	SDS.CKB.009	230	90	42	1020	2150 - 30 + 0	1020	1

Approval product marks:



TECHNICAL FEATURES:

Voltage: 230V 1 50/60Hz
Power: SEE TABLE (±10%)
Dielectric strength: 1500V
Insulation: > 2000Mohm (500Vcc)
Mechanical protection: Metal braided CuSn
Earthing: Yes

Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)

MAIN BENEFITS:

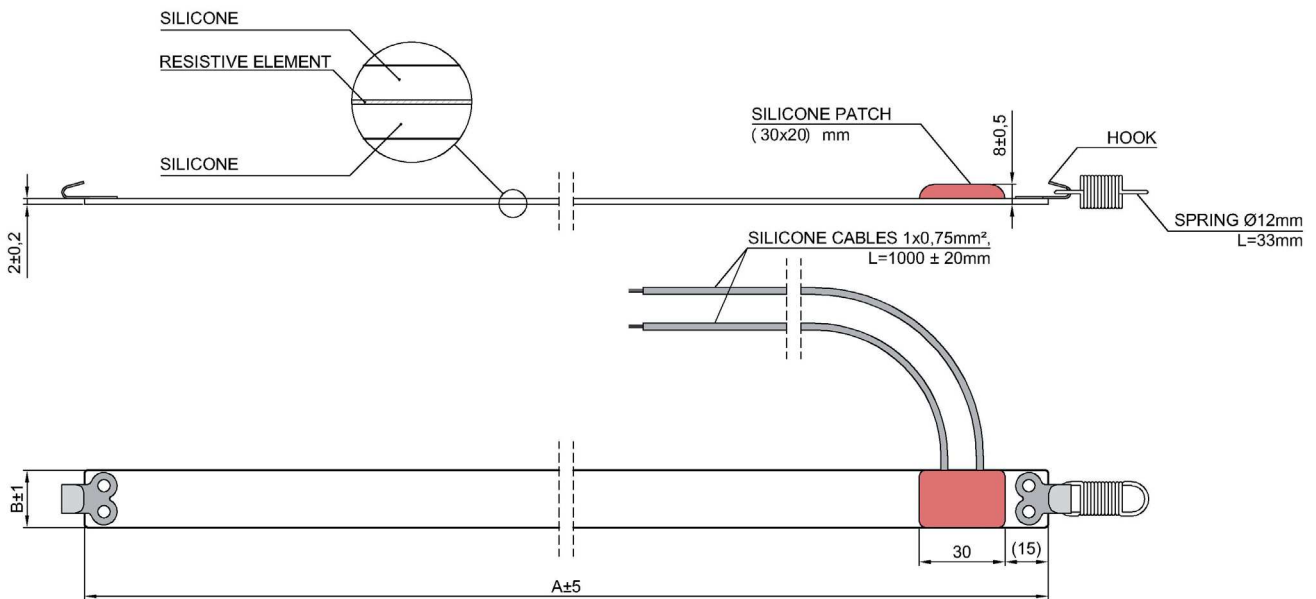
- Highly customizable
- Excellent flexibility
- Good mechanical resistance
- Fits perfectly to wide surfaces to be heated
- Variable diameters
- Simply to install
- Easy wiring and finishing

APPLICATIONS:

- Commercial and industrial refrigeration
- Rotative compressors



CRANKCASE SILICONE HEATERS - CKS



 Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)	N° Spring Standard L = 33mm
403340700	SDS.CKS.001	230	28	0,4	430	20	1
403340800	SDS.CKS.002	230	28	0,4	450	20	1
403340900	SDS.CKS.003	230	30	0,4	480	20	1
403319590	SDS.CKS.004	230	40	0,4	535	20	1
403341000	SDS.CKS.005	230	45	0,4	550	20	1
403341100	SDS.CKS.006	230	45	0,4	580	20	1
403341200	SDS.CKS.007	230	45	0,4	650	20	1
403341300	SDS.CKS.008	230	50	0,4	730	20	1
403341400	SDS.CKS.009	230	60	0,4	820	20	1
403341500	SDS.CKS.010	230	70	0,4	1000	20	1

MAIN BENEFITS:

- Highly customizable
- Excellent flexibility
- Good mechanical resistance
- Fits perfectly to wide surfaces to be heated
- Variable diameters
- Simply to install
- Easy wiring and finishing

APPLICATIONS:

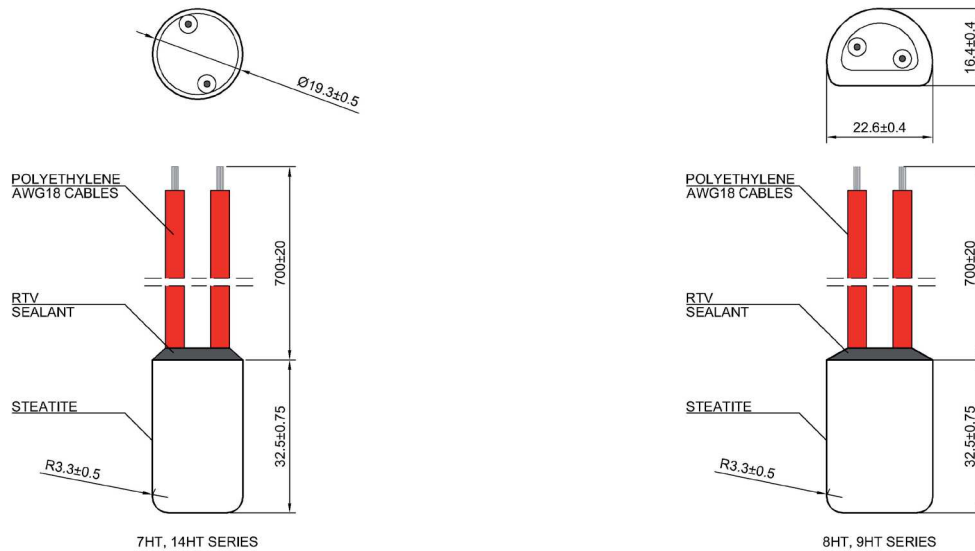
- Commercial and industrial refrigeration
- Rotative compressors

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





SEDES Code	Speed Code	Series	Volt (V)	Watt (W)
715000100	SDS.PSS.001	7HT5-XXX	240-600 AC	25-35
715000200	SDS.PSS.002	8HT5-XXX	240-600 AC	25-35
715000300	SDS.PSS.003	9HT5-XXX	240-600 AC	40-55
715000400	SDS.PSS.004	14HT6-XXX	240-600 AC	35-45

MAIN BENEFITS:

- No thermostat required
- Multi voltage capability / 240-600 Vac
- Solid state reliability
- Allows higher compressor E.E.R.'s
- Output increases as ambient decreases
- Self compensates for voltage variations
- PTC element for long life

APPLICATIONS:

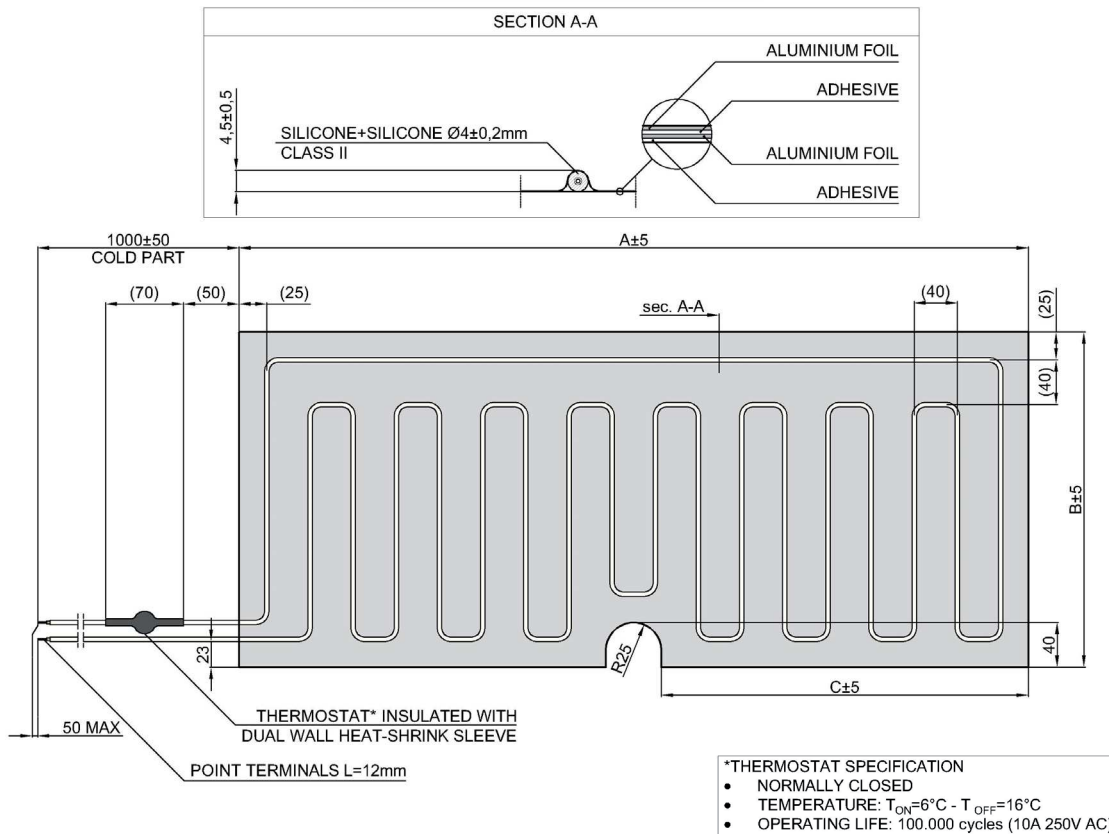
- Industrial and commercial refrigeration
- Rotative compressors

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/m	A (mm)	B (mm)	C (mm)
144035290	SDS.AFT.001	230	57	12	710	300	330

MAIN BENEFITS:

- High adaptability to flat and curved surfaces
- Possibility to operate immersed or in environments with high humidity
- Reduced thickness (max 4mm)
- Easy installation
- High customization based on customer specification

APPLICATIONS:

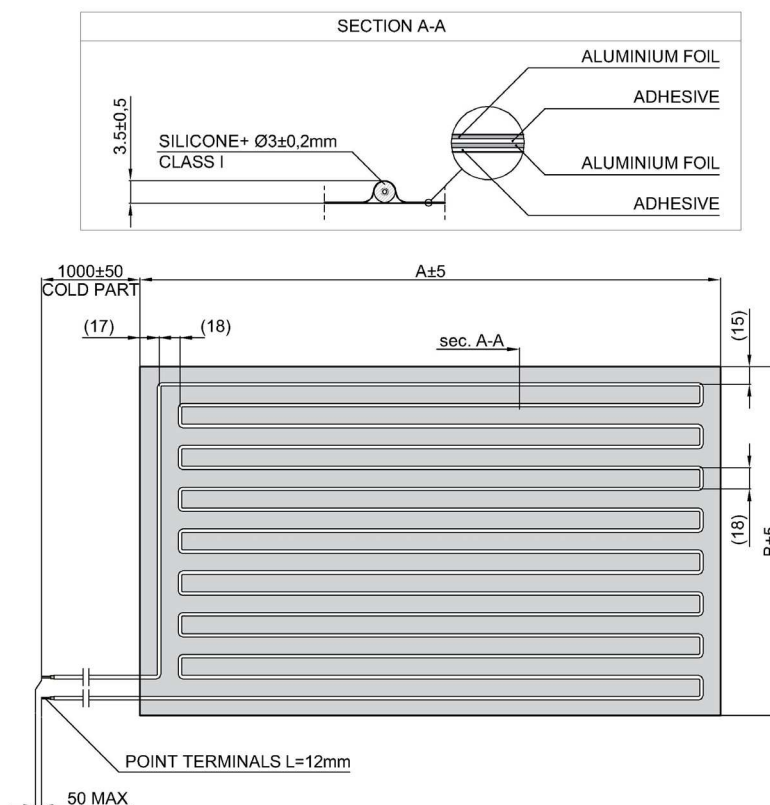
- Industrial applications;
- Hostelleria;
- Construction
- Air conditioning;
- Industrial and commercial refrigeration;
- Medical;
- Wellness & Beauty
- Sports
- Automotive and Transportation
- Telecommunications and equipment

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/m	A (mm)	B (mm)
140033990	SDS.AFH.001	230	300	39	500	300

MAIN BENEFITS:

- High adaptability to flat and curved surfaces
- Possibility to operate immersed or in environments with high humidity
- Reduced thickness (max 4mm)
- Easy installation
- High customization based on customer specification

APPLICATIONS:

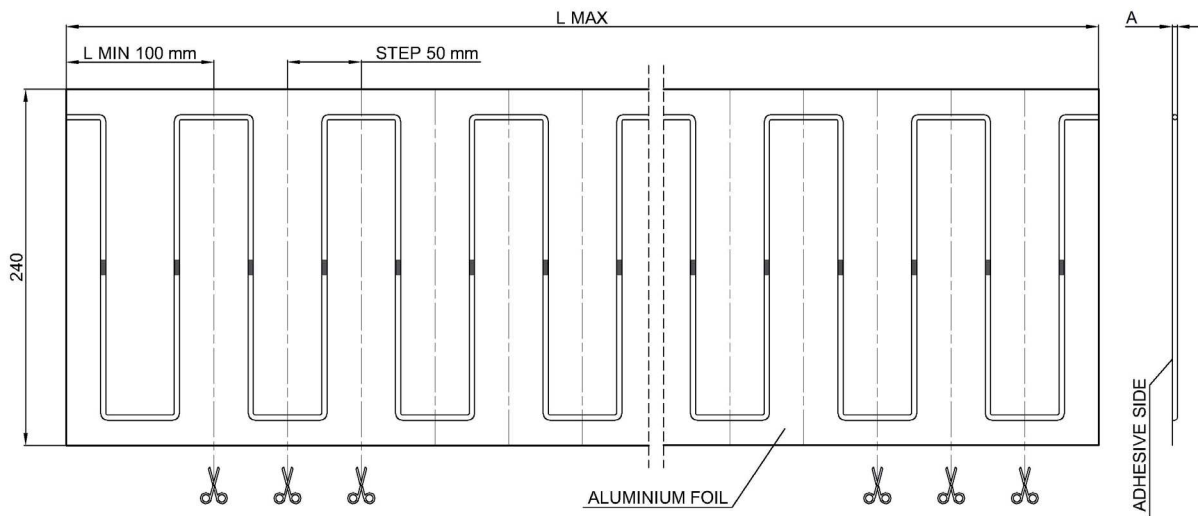
- Industrial applications;
- Hostelleria;
- Construction
- Air conditioning;
- Industrial and commercial refrigeration;
- Medical;
- Wellness & Beauty
- Sports
- Automotive and Transportation
- Telecommunications and equipment

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt/STEP (W)	A (mm)	L max (mm)
144047400	SDS.AFM.001	24	2,5	3,6	1900
144047500	SDS.AFM.002	24	5	3,6	950
144047600	SDS.AFM.003	230	7,5	3,6	6100
144047700	SDS.AFM.004	230	10	3,6	4600
144047800	SDS.AFM.005	24	2,5	6,5	3350
144047900	SDS.AFM.006	24	5	6,5	1650
144048000	SDS.AFM.007	230	7,5	6,5	10700
144048100	SDS.AFM.008	230	10	6,5	8100

MAIN BENEFITS:

- High adaptability to flat and curved surfaces
- Possibility to operate immersed or in environments with high humidity
- Reduced thickness (max 4mm)
- Easy installation
- High customization based on customer specification

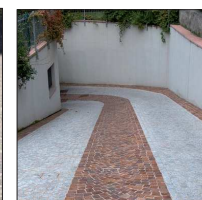
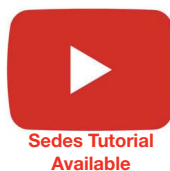
APPLICATIONS:

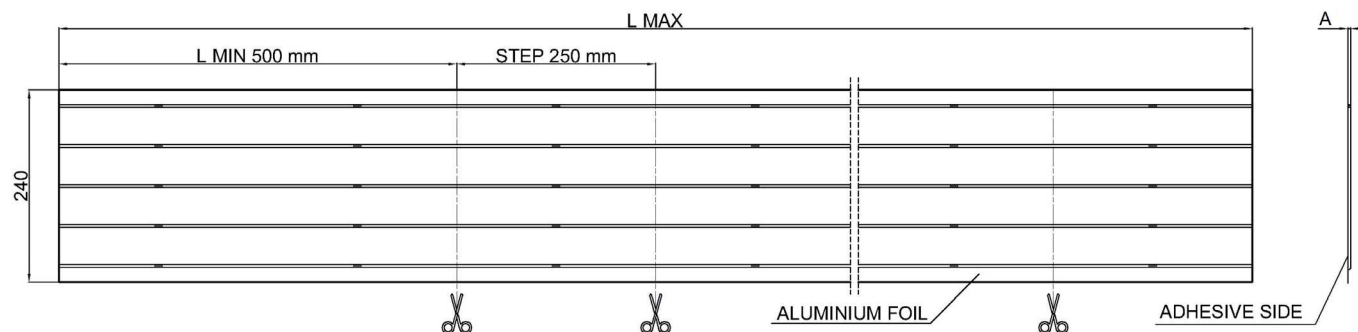
- Industrial applications;
- Hostelleria;
- Construction
- Air conditioning;
- Industrial and commercial refrigeration;
- Medical;
- Wellness & Beauty
- Sports
- Automotive and Transportation
- Telecommunications and equipment

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt/STEP (W)	A (mm)	L max (mm)
144048200	SDS.AFA.001	24	12,5	3,6	9500
144048300	SDS.AFA.002	24	25	3,6	4750
144048400	SDS.AFA.003	230	37,5	3,6	30500
144048500	SDS.AFA.004	230	50	3,6	23000
144048600	SDS.AFA.005	24	12,5	6,5	16500
144048700	SDS.AFA.006	24	25	6,5	8250
144048800	SDS.AFA.007	230	37,5	6,5	53500
144048900	SDS.AFA.008	230	50	6,5	40250

MAIN BENEFITS:

- High adaptability to flat and curved surfaces
- Possibility to operate immersed or in environments with high humidity
- Reduced thickness (max 4mm)
- Easy installation
- High customization based on customer specification

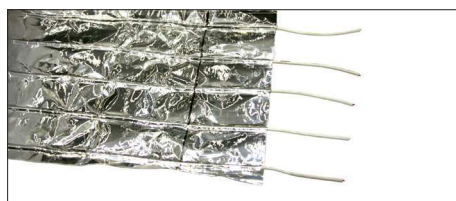
APPLICATIONS:

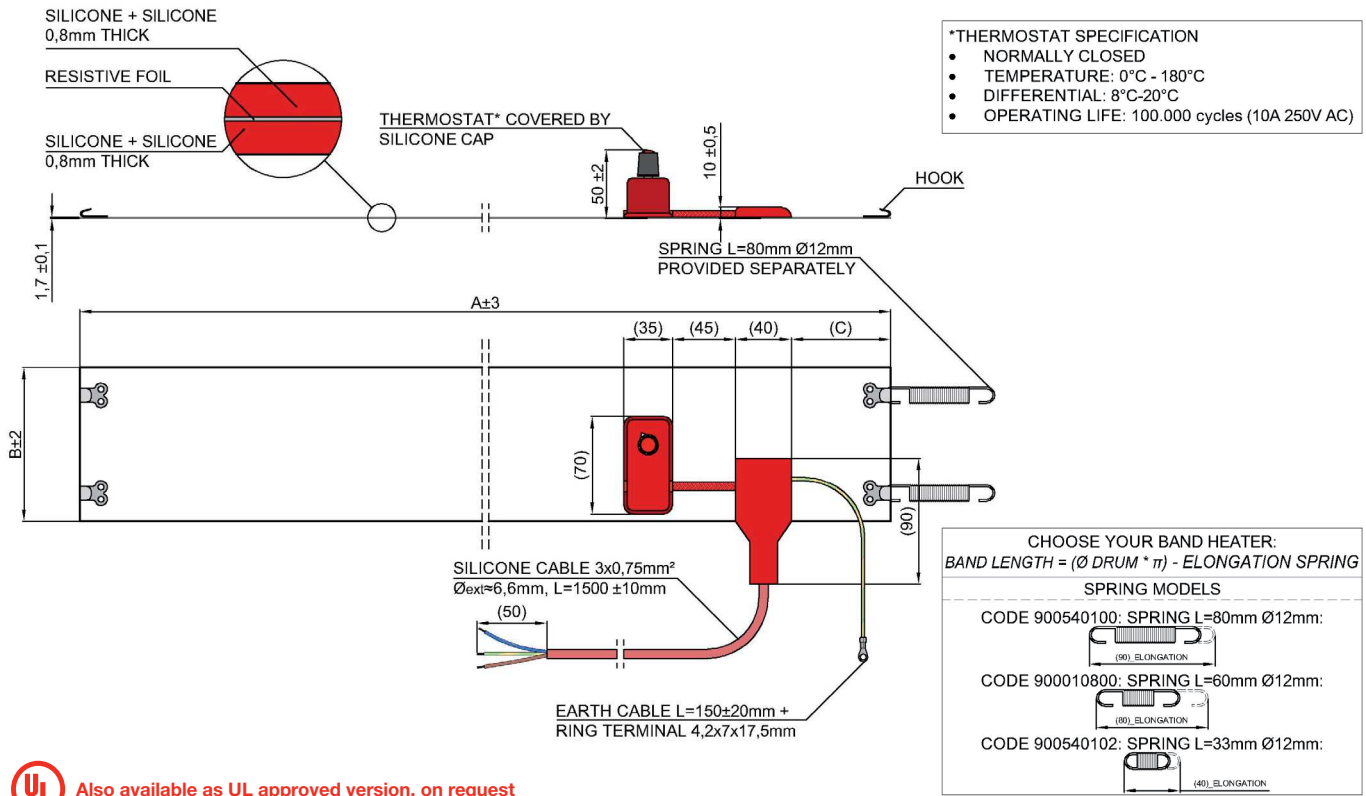
- Industrial applications;
- Hostelleria;
- Construction
- Air conditioning;
- Industrial and commercial refrigeration;
- Medical;
- Wellness & Beauty
- Sports
- Automotive and Transportation
- Telecommunications and equipment

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





 Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)	C (mm)	Ø Drum	N° Spring Standard L = 80mm
503042399	SDS.HBT.001	230	315	0,6	880	75	110	310	2
503330799	SDS.HBT.002	230	400	0,7	820	80	100	290	2
503020499	SDS.HBT.003	230	400	0,8	700	80	40	250	2
503330899	SDS.HBT.004	230	500	0,6	980	100	100	340	3
503330999	SDS.HBT.005	230	750	0,6	1350	100	100	460	3
503331099	SDS.HBT.006	230	1000	0,7	1700	100	100	570	3
503063299	SDS.HBT.007	230	1000	1,1	1100	100	100	380	3
503012699	SDS.HBT.008	230	1500	1,1	1700	100	100	570	3

MAIN BENEFITS:

- Fits perfectly curved surfaces
- Excellent flexibility
- Optimum thermal distribution over the heating zone
- Reduced thickness (from 0,2 up to 2 mm)
- Differentiated power upon request
- Easy to install

APPLICATIONS:

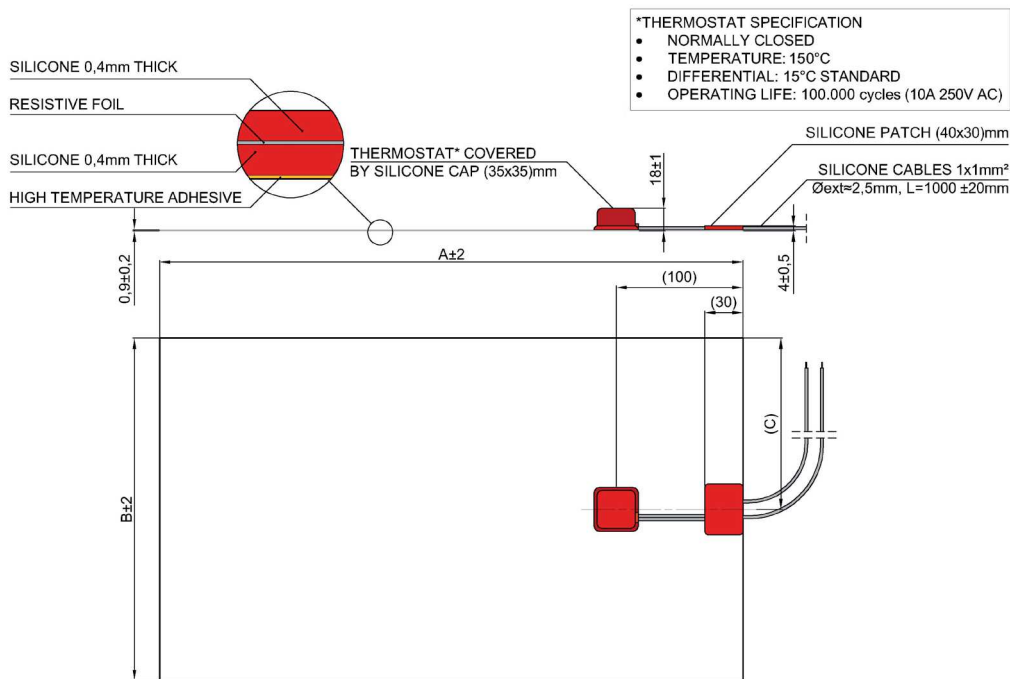
- Air conditioning
- Industrial application (drum heaters)
- Catering
- Transport
- Aesthetic sector
- De-icing

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





Sedes Tutorial Available



Also available as UL approved version, on request

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)	C (mm)
504331100	SDS.BMH.001	230	350	0,7	270	210	105
504000890	SDS.BMH.002	230	700	0,6	460	270	135
504149090	SDS.BMH.003	230	750	0,7	440	270	135
504138390	SDS.BMH.004	230	800	0,6	480	290	145
504097190	SDS.BMH.005	230	1000	0,9	400	290	80
504111490	SDS.BMH.006	230	1000	1,0	400	275	138
504331200	SDS.BMH.007	230	1200	0,9	470	290	145
504134790	SDS.BMH.008	230	1300	1,1	460	270	135
504147790	SDS.BMH.009	230	1500	0,9	460	375	20
504149290	SDS.BMH.010	230	1500	0,7	440	530	265
504215390	SDS.BMH.011	230	1500	1,1	500	290	145
504331300	SDS.BMH.012	230	1500	0,6	575	450	225

MAIN BENEFITS:

- Reduced thickness (max. 2 mm)
- Highly customizable (dimension and shape)
- Differentiated power is feasible upon request
- Optimal thermal distribution over the heating area
- Easy to install

APPLICATIONS:

- Catering
- Hosting
- Warming food

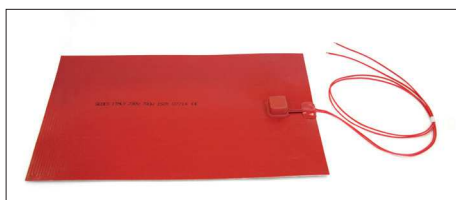
Approval product marks:

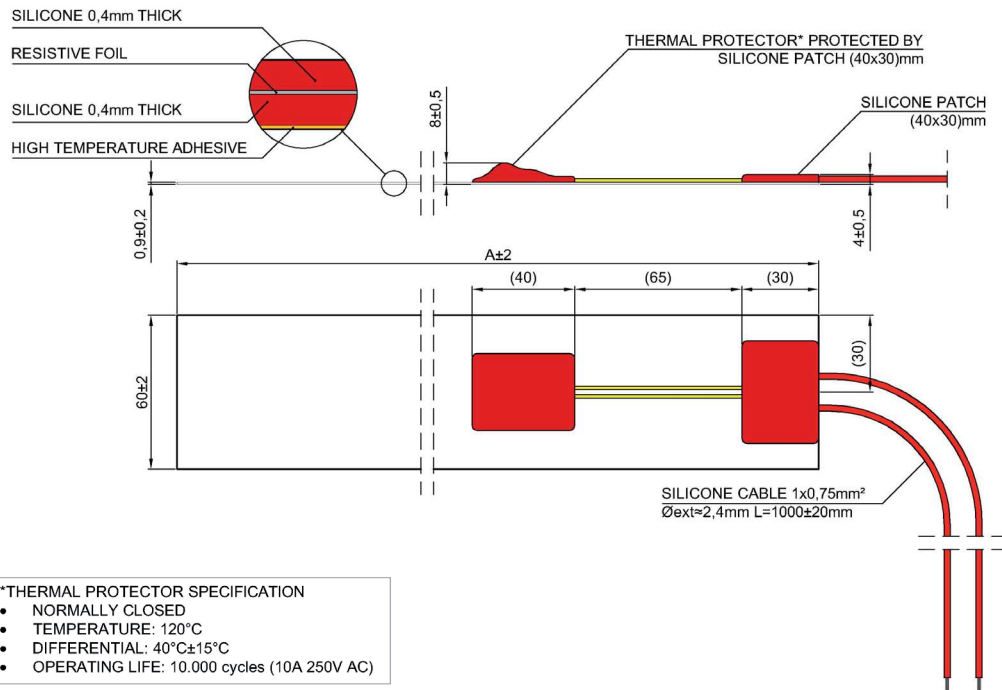


Standard of reference:

Regulation 1907/2006 (Reach)

Directive 2011/65/CE (RoHS2)





Also available as UL approved version, on request



Sedes Tutorial Available

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)
504000390	SDS.USH.001	230	150	1,5	210
504000290	SDS.USH.002	230	250	1,7	300

MAIN BENEFITS:

- Adaptability to flat and curved surfaces
- High flexibility
- Good thermal distribution over the whole heating surface
- Reduced thickness
- Differentiated powers
- Easy installation

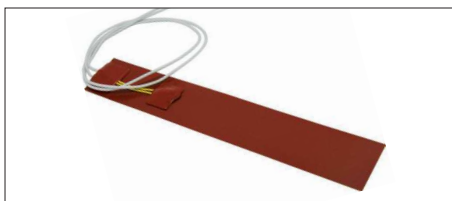
APPLICATIONS:

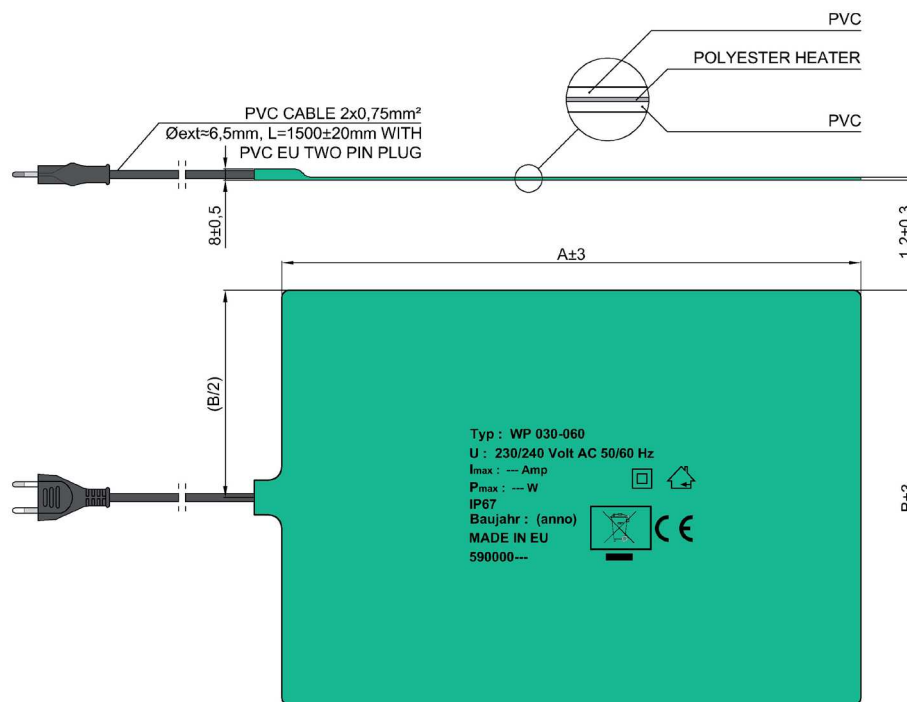
- Ultrasound

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)
590000300	SDS.HMG.001	230	15	0,02	350	250
590000200	SDS.HMG.002	230	32	0,02	600	300
590000400	SDS.HMG.003	230	42	0,02	650	400

MAIN BENEFITS:

- Adaptability to flat surfaces
- Good thermal distribution over the whole heating surface
- Reduced thickness
- Removable
- Easy to install and to clean
- IP67 protection grade

APPLICATIONS:

- Terrarium
- Botanic
- Aesthetic sector
- Comfort (feet warmer, etc)

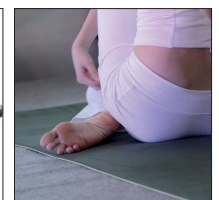
Approval product marks:

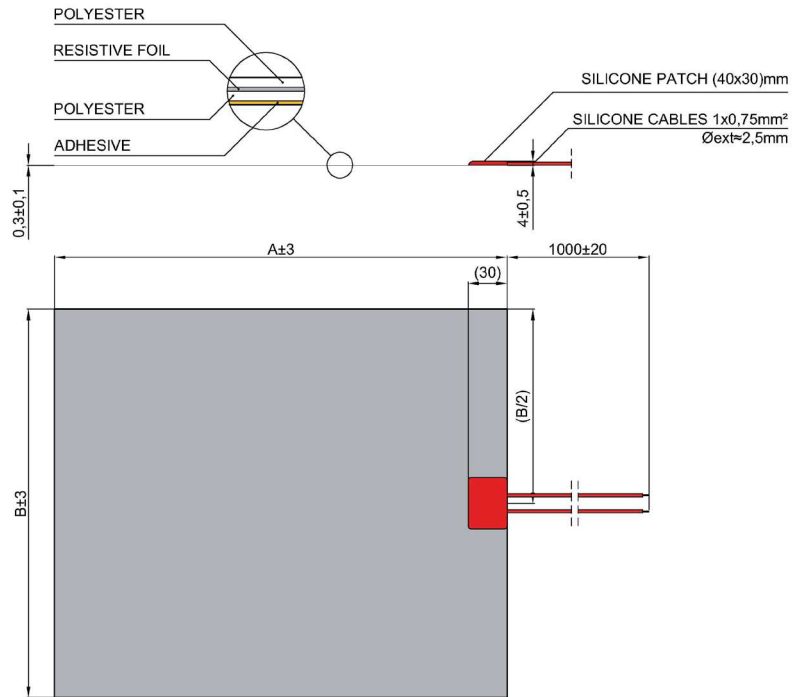


Standard of reference:

Regulation 1907/2006 (Reach)

Directive 2011/65/CE (RoHS2)





Also available as UL approved version, on request



Sedes Tutorial Available

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)
520198590	SDS.DMS.001	230	70	0,02	700	590
520286990	SDS.DMS.002	24	70	0,02	700	550
520330590	SDS.DMS.003	230	24	0,02	410	280
520330490	SDS.DMS.004	230	21	0,02	350	300

MAIN BENEFITS:

- Adaptability to flat and curved surfaces
- High flexibility
- Good thermal distribution over the whole heating surface
- Reduced thickness
- Differentiated powers
- Easy installation

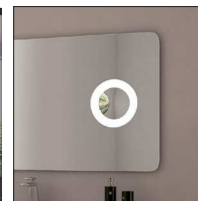
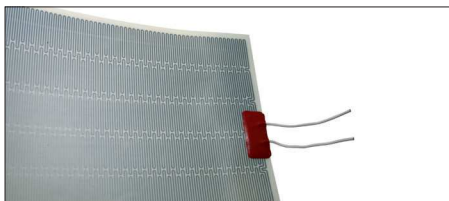
APPLICATIONS:

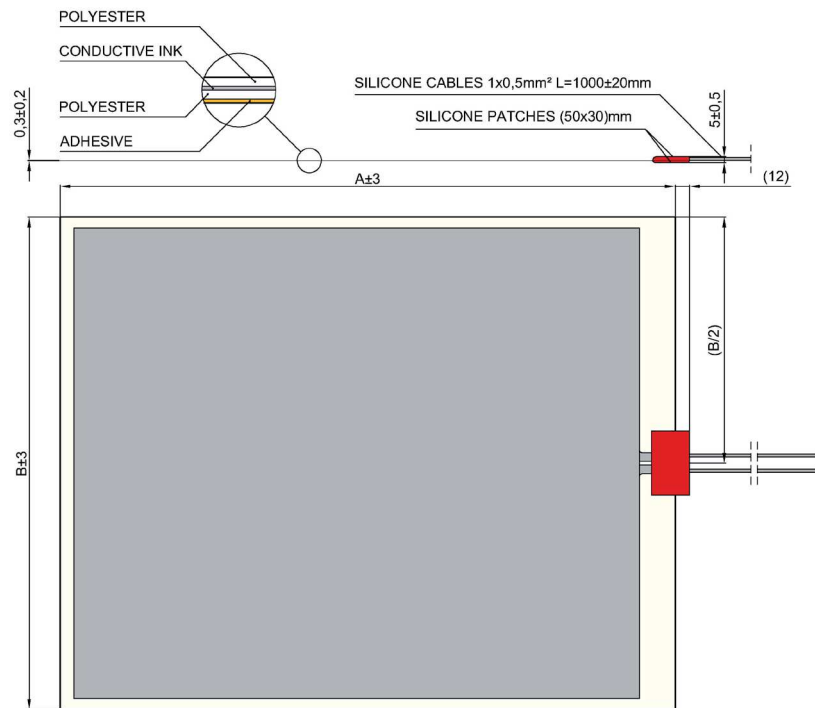
- To demist bathroom mirror

Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





Also available as UL approved version, on request



Sedes Tutorial Available

SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)
524331690	SDS.DMC.001	230	16	0,02	280	280
524286290	SDS.DMC.002	230	24	0,02	410	280
524281790	SDS.DMC.003	230	38	0,02	450	350
524281690	SDS.DMC.004	230	55	0,02	500	500
524281890	SDS.DMC.005	230	75	0,02	498	685
524297090	SDS.DMC.006	230	85	0,02	700	600
524286390	SDS.DMC.007	230	95	0,02	550	650
524331590	SDS.DMC.008	230	105	0,02	1010	440
524280290	SDS.DMC.009	230	115	0,02	1000	500
524331490	SDS.DMC.010	230	145	0,02	1000	600

MAIN BENEFITS:

- Adaptability to flat and curved surfaces
- High flexibility
- Good thermal distribution over the whole heating surface
- Reduced thickness
- Differentiated powers
- Easy installation

APPLICATIONS:

- To demist bathroom mirror

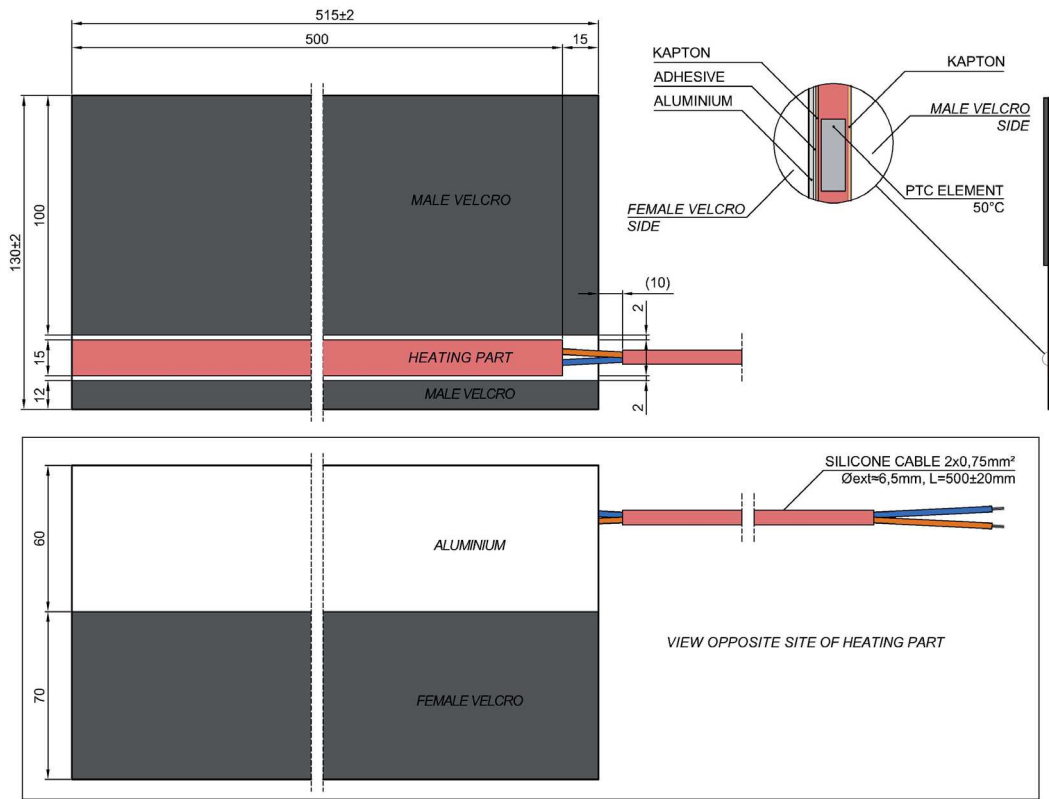
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



PTC DEFROSTING TUBE HEATERS - RGH



SEDES Code

Speed Code

Volt (V)

Watt (W)

T (°C) Curie

751023590

SDS.RGH.001

230

30

50

MAIN BENEFITS:

- Self-regulating
- Easy to be installed and removed thanks to the velcro fixing

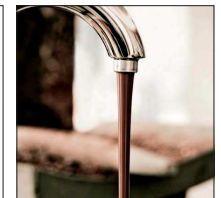
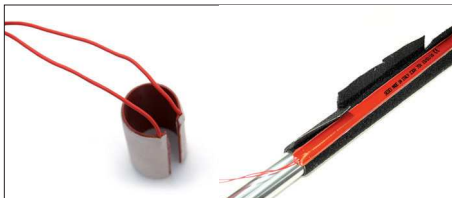
APPLICATIONS:

- Tubes
- Round surfaces
- Any surface that needs to be cleaned frequently

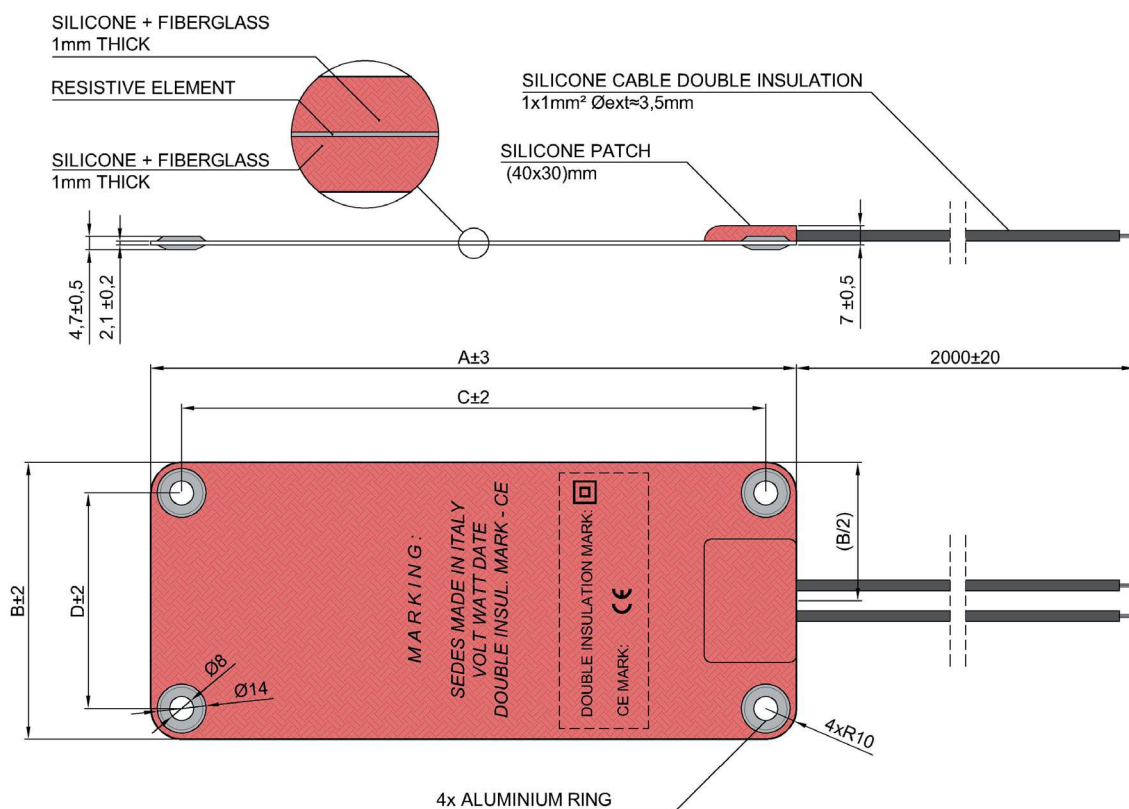
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



STATIC ANTICONDENSATION HEATERS - SAH



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)	C (mm)	D (mm)
550313500	SDS.SAH.001	120	13	0,1	140	110	120	90
550313600	SDS.SAH.002	240	13	0,1	140	110	120	90
550313700	SDS.SAH.003	120	25	0,1	230	110	210	90
550313800	SDS.SAH.004	240	25	0,1	230	110	210	90
550313900	SDS.SAH.005	120	50	0,1	320	200	300	180
550314000	SDS.SAH.006	240	50	0,1	320	200	300	180
550314100	SDS.SAH.007	120	120	0,1	440	260	420	240
550314200	SDS.SAH.008	240	120	0,1	440	260	420	240
550314300	SDS.SAH.009	120	200	0,1	650	380	630	360
550314400	SDS.SAH.010	240	200	0,1	650	380	630	360

MAIN BENEFITS:

- Reduced thickness
- Highly customizable (dimension and shape)
- Differentiated power is feasible upon request
- Optimal thermal distribution over the heating area
- Easy to install

APPLICATIONS:

- Anticondensation for electric switchboard

Approval product marks:



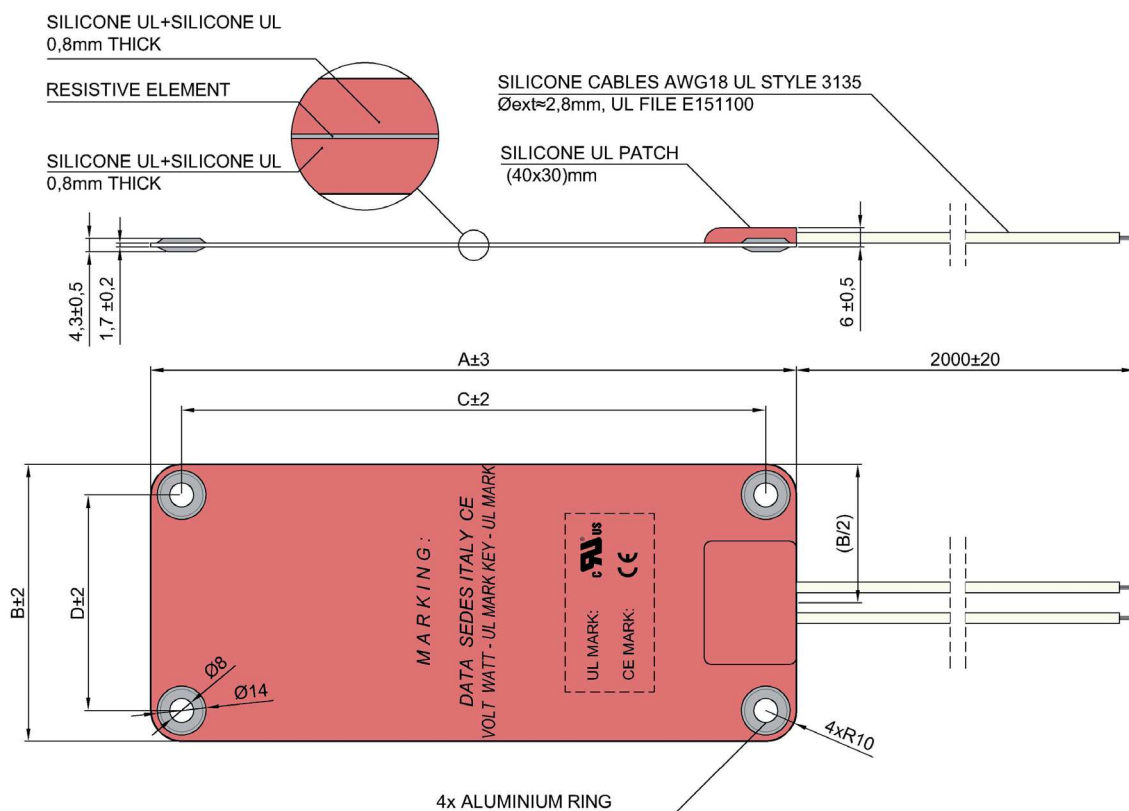
Standard of reference:

Regulation 1907/2006 (Reach)

Directive 2011/65/CE (RoHS2)



STATIC ANTICONDENSATION HEATERS - SAU



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)	C (mm)	D (mm)
550313501	SDS.SAU.001	120	13	0,1	140	110	120	90
550313601	SDS.SAU.002	240	13	0,1	140	110	120	90
550313701	SDS.SAU.003	120	25	0,1	230	110	210	90
550313801	SDS.SAU.004	240	25	0,1	230	110	210	90
550313901	SDS.SAU.005	120	50	0,1	320	200	300	180
550314001	SDS.SAU.006	240	50	0,1	320	200	300	180
550314101	SDS.SAU.007	120	120	0,1	440	260	420	240
550314201	SDS.SAU.008	240	120	0,1	440	260	420	240
550314301	SDS.SAU.009	120	200	0,1	650	380	630	360
550314401	SDS.SAU.010	240	200	0,1	650	380	630	360

MAIN BENEFITS:

- Reduced thickness
- Highly customizable (dimension and shape)
- Differentiated power is feasible upon request
- Optimal thermal distribution over the heating area
- Easy to install

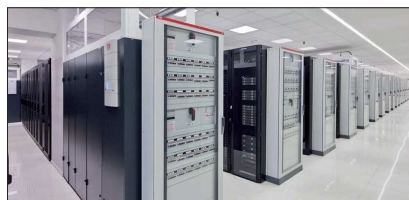
APPLICATIONS:

- Anticondensation for electric switchboard

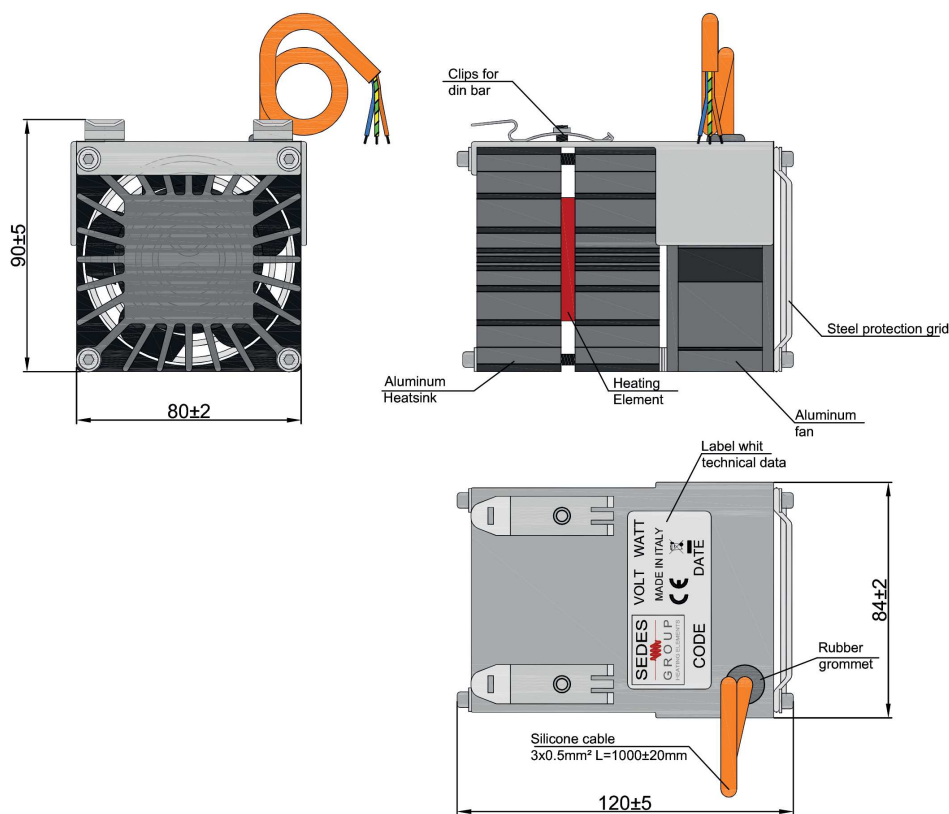
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



VENTILATED ANTICONDENSATION HEATER - VAH



SEDES Code	Speed Code	Volt (V)	Watt (W)
760000100	SDS.VAH.001	230	250

MAIN BENEFITS:

- Reduced dimensions
- Optimal thermal distribution over the cabinet
- Easy to install

APPLICATIONS:

- Anticondensation for electric switchboard

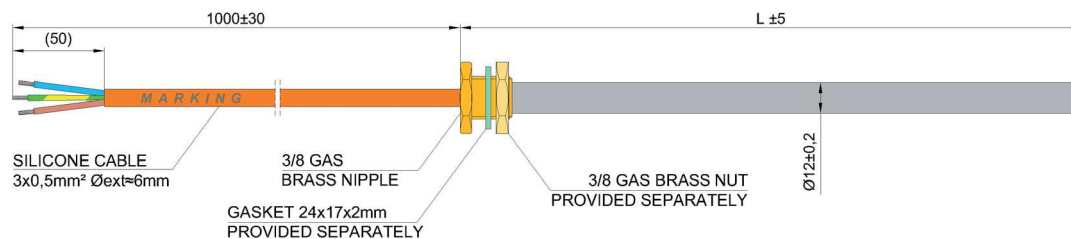
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



PTC SELF-REGULATING CARTRIDGE - PTC



SEDES Code	Speed Code	Volt (V)	Watt (W)	T (°C) Curie	L (mm)	Material	Evaporating Capacity (Kg/h)
710901090	SDS.PTC.001	230	120	150	120	AISI 304	0,12
710901190	SDS.PTC.002	230	140	180	120	AISI 304	0,12
710901290	SDS.PTC.003	230	160	220	120	AISI 304	0,12
710901390	SDS.PTC.004	230	230	150	180	AISI 304	0,20
710901490	SDS.PTC.005	230	270	180	180	AISI 304	0,20
710901590	SDS.PTC.006	230	310	220	180	AISI 304	0,20
710901690	SDS.PTC.007	230	340	150	240	AISI 304	0,30
710901790	SDS.PTC.008	230	400	180	240	AISI 304	0,30
710901890	SDS.PTC.009	230	120	150	120	INCOLOY 800	0,12
710901990	SDS.PTC.010	230	140	180	120	INCOLOY 800	0,12
710902090	SDS.PTC.011	230	160	220	120	INCOLOY 800	0,12
710902190	SDS.PTC.012	230	230	150	180	INCOLOY 800	0,20
710902290	SDS.PTC.013	230	270	180	180	INCOLOY 800	0,20
710902390	SDS.PTC.014	230	310	220	180	INCOLOY 800	0,30
710902490	SDS.PTC.015	230	340	150	240	INCOLOY 800	0,30
710902590	SDS.PTC.016	230	400	180	240	INCOLOY 800	0,30

TECHNICAL FEATURES:

Voltage: 230Vac - 50-60Hz

Power: SEE TABLE W±30% (after 1 min at 20°C water immersed)

Curie temperature: SEE TABLE

Dielectric strength: 1500Vx1s - 100% TESTED

Ohmic values: 100% TESTED

Approval product marks:  

Standard of reference: Regulation 1907/2006 (Reach)

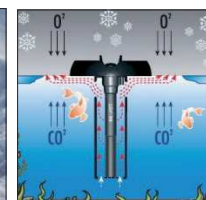
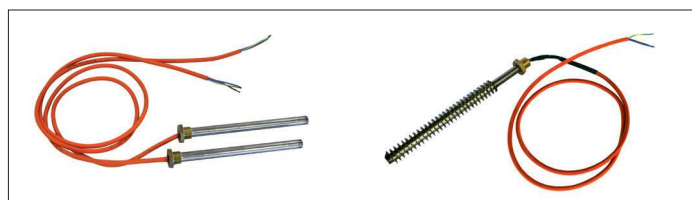
Directive 2011/65/CE (RoHS2)

MAIN BENEFITS:

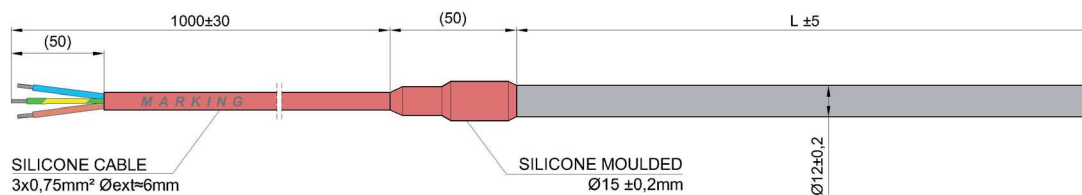
- High performances
- Avoid using temperature controls
- Energy saving
- Completely hermetic
- Easy and fast installation
- Excellent mechanical resistance to corrosion

APPLICATIONS:

- Industrial applications
- Catering
- Air conditioning
- Commercial and industrial refrigeration
- Domestic appliances
- Bath furnishings



PTC SELF-REGULATING VULCANIZED CARTRIDGE - PTV



SEDES Code	Speed Code	Volt (V)	Watt (W)	T (°C) Curie	L (mm)	Material	Evaporating Capacity (Kg/h)
712018590	SDS.PTS.001	230	100	150	120	AISI 304	0,12
712018690	SDS.PTS002	230	300	150	240	AISI 304	0,30
712018595	SDS.PTS.003	230	100	150	120	INCOLOY 800	0,12
712018695	SDS.PTS.004	230	300	150	240	INCOLOY 800	0,30

TECHNICAL FEATURES:

Voltage: 230Vac - 50-60Hz

Power: SEE TABLE $W \pm 30\%$ (after 1 min at 20°C water immersed)

Curie temperature: SEE TABLE

Dielectric strength: 1500Vx1s - 100% TESTED

Ohmic values: 100% TESTED

Approval product marks:  

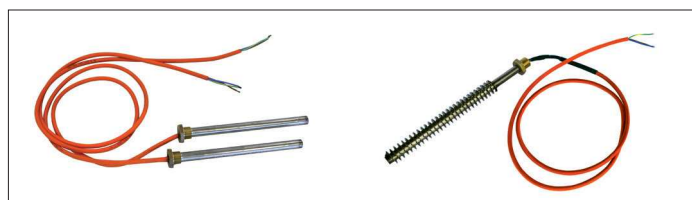
Standard of reference: Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)

MAIN BENEFITS:

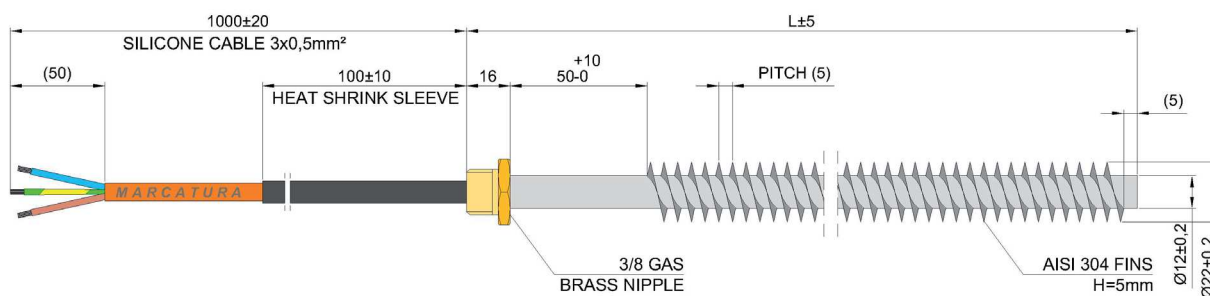
- High performances
- Avoid using temperature controls
- Energy saving
- Completely hermetic
- Easy and fast installation
- Excellent mechanical resistance to corrosion

APPLICATIONS:

- Industrial applications
- Catering
- Air conditioning
- Commercial and industrial refrigeration
- Domestic appliances
- Bath furnishings



PTC SELF-REGULATING FINNED CARTRIDGE - PTF



SEDES Code	Speed Code	Volt (V)	Watt (W)	T (°C) Curie	L (mm)
713024890	SDS.PTF.001	230	200	130	240
713026790	SDS.PTF.002	230	350	130	240
713024990	SDS.PTF.003	230	500	180	320
713026890	SDS.PTF.004	230	750	180	520
713026990	SDS.PTF.005	230	1000	180	630

TECHNICAL FEATURES:

Voltage: 230Vac - 50-60Hz

Power: SEE TABLE W±30%

Curie temperature: SEE TABLE

Dielectric strength: 1500Vx1s - 100% TESTED

Ohmic values: 100% TESTED

Approval product marks:  

Standard of reference: Regulation 1907/2006 (Reach)

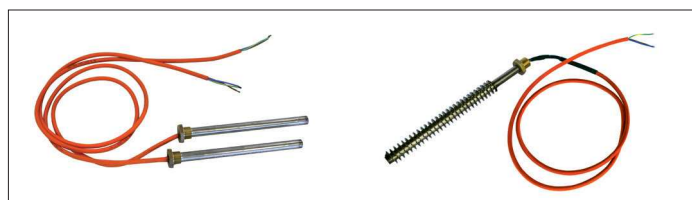
Directive 2011/65/CE (RoHS2)

MAIN BENEFITS:

- High performances
- Avoid using temperature controls
- Energy saving
- Completely hermetic
- Easy and fast installation
- Excellent mechanical resistance to corrosion

APPLICATIONS:

- Retarder provers



DRIP TRAY FOR PTC CARTRIDGE - DTC

SEDES Code	Speed Code	Material	Dimensions (mm)	Hole position	Capacity (L)	
900355800	SDS.DTC.001	AISI 304	500 x 75 x 35	LATERAL	1,50	
900355100	SDS.DTC.002	ABS	500 x 70 x 67	CENTRAL	2,30	
900355000	SDS.DTC.003	ALUMINIUM	282 x 132 x 71	CENTRAL	2,60	
900355600	SDS.DTC.004	ABS	300 x 144 x 100	LATERAL	2,80	
900355200	SDS.DTC.005	ABS	294 x 225 x 35	RIGHT	1,65	
900355300	SDS.DTC.006	ABS	294 x 225 x 35	LEFT	1,65	
900355500	SDS.DTC.007	ABS	325 x 200 x 41	LATERAL	1,50	
900355900	SDS.DTC.008	ALUMINIUM	317 x 120 x 70	w/o hole: PTC resistor included (230V 300W)	1,50	


Other dimensions and types on request

MAIN BENEFITS:

- Easy and fast installation
- Excellent mechanical resistance to corrosion

APPLICATIONS:

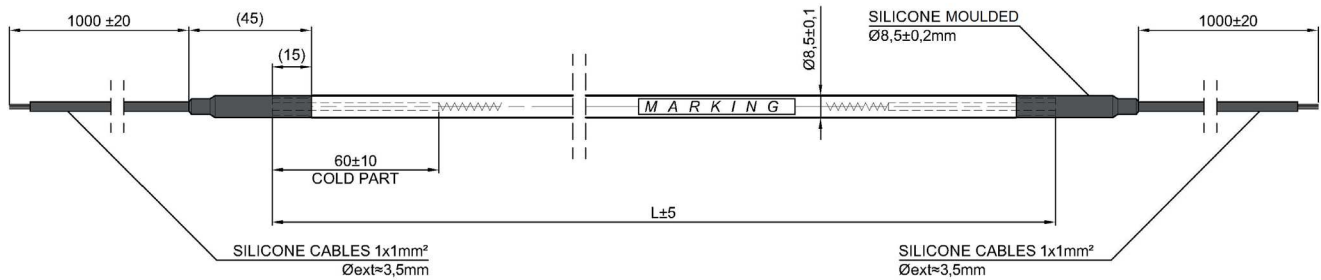
- Industrial applications
- Catering
- Air conditioning
- Commercial and industrial refrigeration
- Domestic appliances
- Bath furnishings

Approval product marks: 

Standard of reference: Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



TUBULAR HEATING ELEMENTS - HLS



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	L (mm)
653900190	SDS.HLS.001	230	350	1,4	1000
653900290	SDS.HLS.002	230	450	1,4	1250
653900390	SDS.HLS.003	230	550	1,4	1500
653900490	SDS.HLS.004	230	600	1,4	1750
653900590	SDS.HLS.005	230	700	1,4	2000
653900690	SDS.HLS.006	230	800	1,4	2250
653900790	SDS.HLS.007	230	900	1,4	2500
653900890	SDS.HLS.008	230	1000	1,4	2750
653900990	SDS.HLS.009	230	1100	1,4	3000
653907790	SDS.HLS.010	230	1200	1,4	3250
653907890	SDS.HLS.011	230	1300	1,4	3500
653907990	SDS.HLS.012	230	1500	1,4	4000
653908090	SDS.HLS.013	230	1700	1,4	4500
653908190	SDS.HLS.014	230	1900	1,4	5000

MAIN BENEFITS:

- Suitable to work in ambient with high humidity level
- Excellent mechanical resistance and to corrosion
- Highly reliable over time
- Wide range of components (connector, nipple, flange, grounding)
- Customization is possible on demand

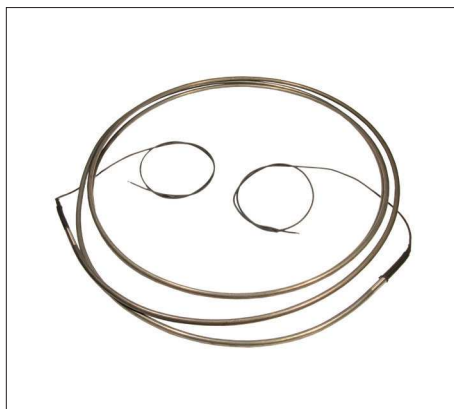
APPLICATIONS:

- Industrial applications
- Catering
- Air conditioning
- Commercial and industrial refrigeration
- Household appliances

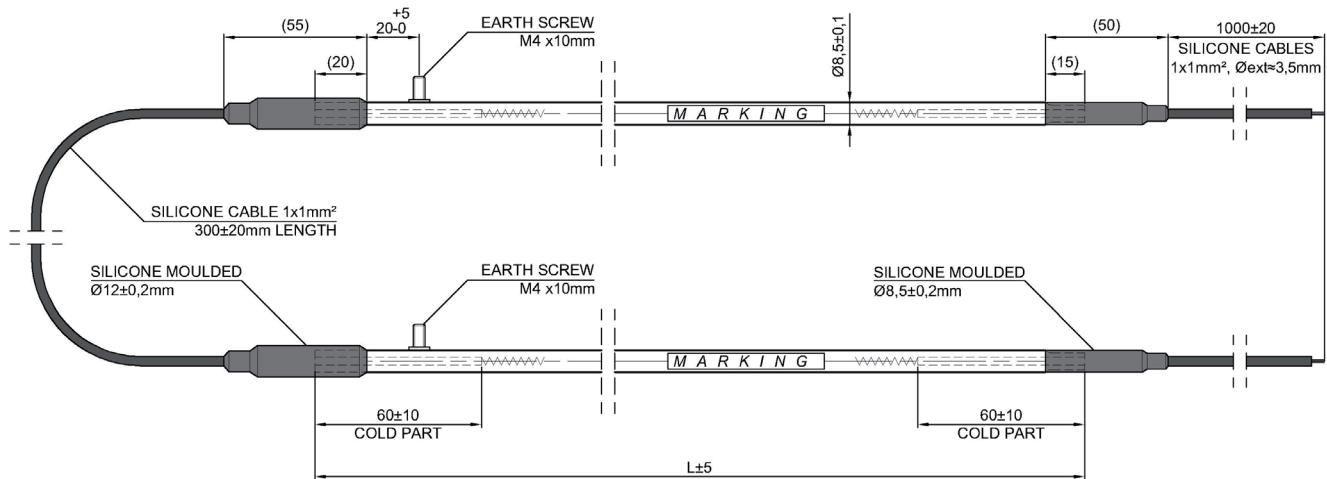
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



TUBULAR HEATING ELEMENTS - HLD



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	L (mm)
657308490	SDS.HLD.001	230	1750	1,8	1995
657308590	SDS.HLD.002	230	1750	1,8	2095
657308690	SDS.HLD.003	230	1850	2,1	1800
657308790	SDS.HLD.004	230	2000	1,8	2195
657308890	SDS.HLD.005	230	2000	1,7	2295
657308990	SDS.HLD.006	230	2200	1,7	2495
657309090	SDS.HLD.007	230	2200	1,7	2545
657309190	SDS.HLD.008	230	2270	2,1	2200
657309290	SDS.HLD.009	230	2400	1,8	2695
657309390	SDS.HLD.010	230	2500	1,7	2895
657309490	SDS.HLD.011	230	2690	1,7	3095
657309590	SDS.HLD.012	230	2750	2,0	2750
657309690	SDS.HLD.013	230	2890	1,6	3495
657309790	SDS.HLD.014	230	3500	2,2	3100

MAIN BENEFITS:

- Suitable to work in ambient with high humidity level
- Excellent mechanical resistance and to corrosion
- Highly reliable over time
- Wide range of components (connector, nipple, flange, grounding)
- Customization is possible on demand

APPLICATIONS:

- Industrial applications
- Catering
- Air conditioning
- Commercial and industrial refrigeration
- Household appliances

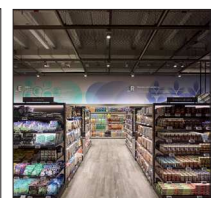
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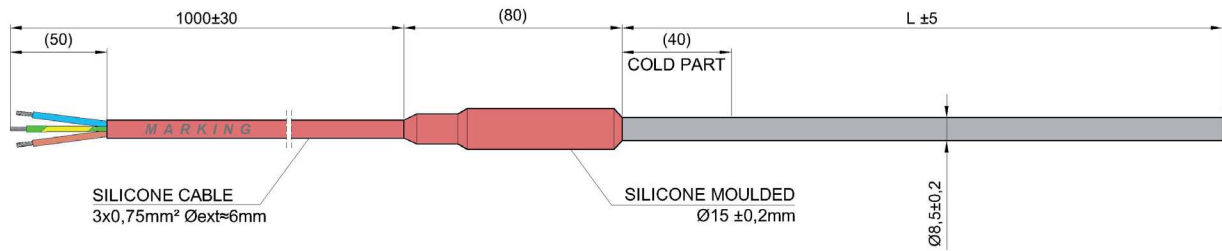
Standard of reference:

Regulation 1907/2006 (Reach)

Directive 2011/65/CE (RoHS2)



MONOTUBE HEATING ELEMENTS STRAIGHT VULCANIZED - MTV



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	L (mm)
730002890	SDS.MTV.001	230	50	0,4	540
730004090	SDS.MTV.002	230	85	1,0	360
730002790	SDS.MTV.003	230	100	0,4	1040
730001290	SDS.MTV.004	230	110	1,0	445
730000890	SDS.MTV.005	230	150	0,5	1080

MAIN BENEFITS:

- Easy, fast assembly
- Single exit
- High adaptability in humid environments
- Excellent mechanic and corrosion resistance
- High reliability over time
- Wide range of terminations, joints, flanges, fastening systems and connections to ground
- Customization is possible on demand

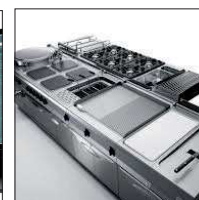
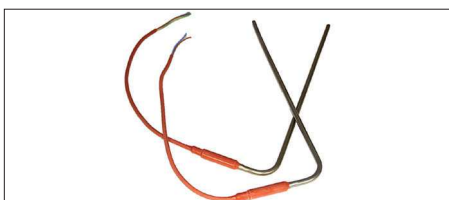
APPLICATIONS:

- Industrial applications
- Catering
- Air conditioning
- Commercial and industrial refrigeration
- Household appliances

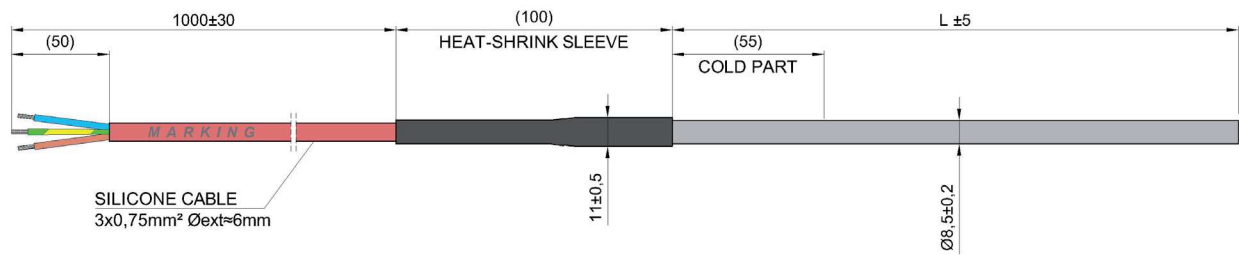
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



MONOTUBE HEATING ELEMENTS WITH HEAT SHRINK SLEEVE- MTS



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	L (mm)
730003090	SDS.MTS.001	230	50	0,4	485
730003190	SDS.MTS.002	230	100	0,4	985
730003290	SDS.MTS.003	230	125	0,4	1185
730001090	SDS.MTS.004	230	135	1,0	500
730003390	SDS.MTS.005	230	150	0,4	1485
730002390	SDS.MTS.006	230	200	0,8	985
730003490	SDS.MTS.007	230	200	0,4	1985
730002490	SDS.MTS.008	230	250	1,0	1185
730002590	SDS.MTS.009	230	300	0,8	1485
730002690	SDS.MTS.010	230	400	0,8	1985

MAIN BENEFITS:

- Easy, fast assembly
- Single exit
- High adaptability in humid environments
- Excellent mechanic and corrosion resistance
- High reliability over time
- Wide range of terminations, joints, flanges, fastening systems and connections to ground
- Customization is possible on demand

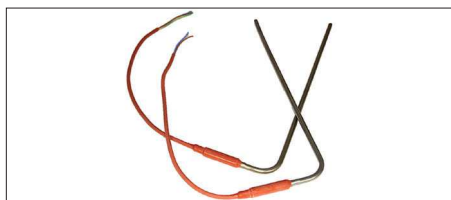
APPLICATIONS:

- Industrial applications
- Catering
- Air conditioning
- Commercial and industrial refrigeration
- Household appliances
- Baseboard

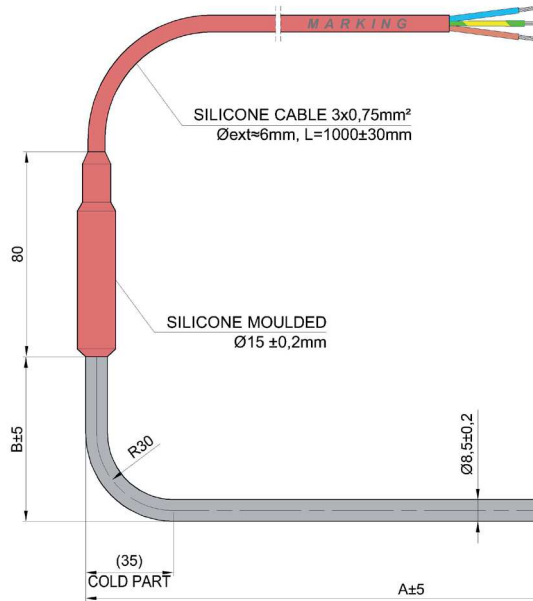
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



MONOTUBE HEATING ELEMENTS BENT AND VULCANIZED - MTL



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)
730000790	SDS.MTL.001	230	40	0,4	435	55
730002990	SDS.MTL.002	230	60	0,6	425	60
730001590	SDS.MTL.003	230	90	0,9	390	55
730000990	SDS.MTL.004	230	100	0,9	435	45
730001390	SDS.MTL.005	230	110	1,0	465	50
730003990	SDS.MTL.006	230	150	0,9	673	60
730001990	SDS.MTL.007	230	160	1,0	655	65
730003790	SDS.MTL.008	230	190	1,0	745	60
730001790	SDS.MTL.009	230	250	1,0	955	65
730003690	SDS.MTL.010	230	290	1,0	1125	65
730002190	SDS.MTL.012	230	325	1,0	1255	65
730002090	SDS.MTL.013	230	400	1,0	1555	65

MAIN BENEFITS:

- Easy, fast assembly
- Single exit
- High adaptability in humid environments
- Excellent mechanic and corrosion resistance
- High reliability over time
- Wide range of terminations, joints, flanges, fastening systems and connections to ground
- Customization is possible on demand

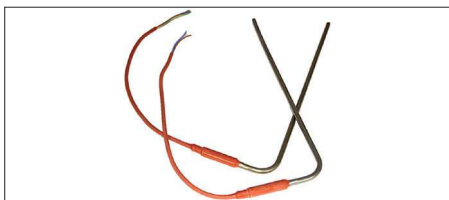
APPLICATIONS:

- Industrial applications
- Catering
- Air conditioning
- Commercial and industrial refrigeration
- Household appliances

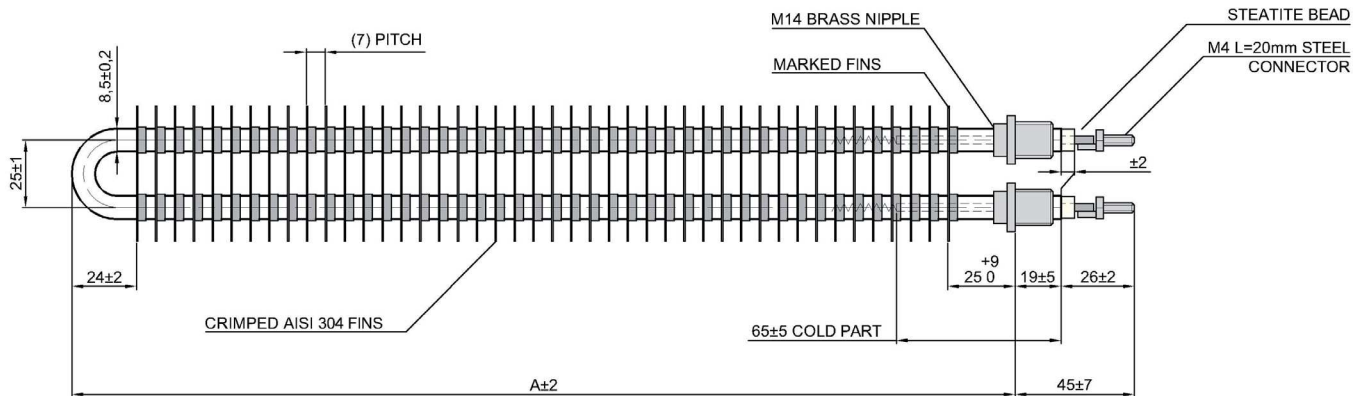
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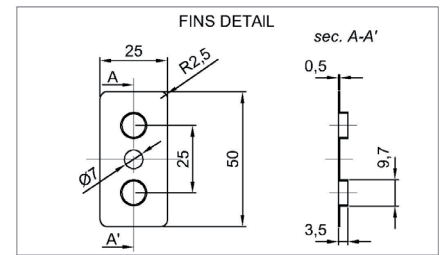
Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



TUBULAR FINNED HEATERS WITH RECTANGULAR FINS - TRA




SEDED Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)
675501895	SDS.TRA.001	230	700	4,3	350
675501995	SDS.TRA.002	230	1000	6,0	350
675502095	SDS.TRA.003	230	1200	4,4	550
675502195	SDS.TRA.004	230	1500	4,0	750
675502295	SDS.TRA.005	230	2000	5,3	750
675502395	SDS.TRA.006	230	2500	5,1	950
675502495	SDS.TRA.007	230	3000	5,0	1150
675502595	SDS.TRA.008	230	4000	5,7	1350
675502695	SDS.TRA.009	230	5000	6,2	1550



TECHNICAL FEATURES:

Insulation: MgO
 Class: I
 Working temperature: -30°C ÷ 500°C
 External diameter tube (ø): 6.5 mm / 8.5 mm
 Supply voltage: 24V ÷ 400V
 Type of sealing: Hermetic or Silicone
 Max. specific charge*: 10.0W/cm² (* Max. Specific charge, to be checked in application)
 Terminal (on request): Pin faston or cables

Approval product marks:  

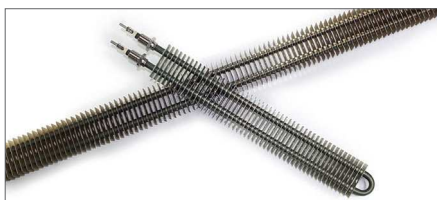
Standard of reference: Regulation 1907/2006 (Reach),
 Directive 2011/65/CE (RoHS2)

MAIN BENEFITS:

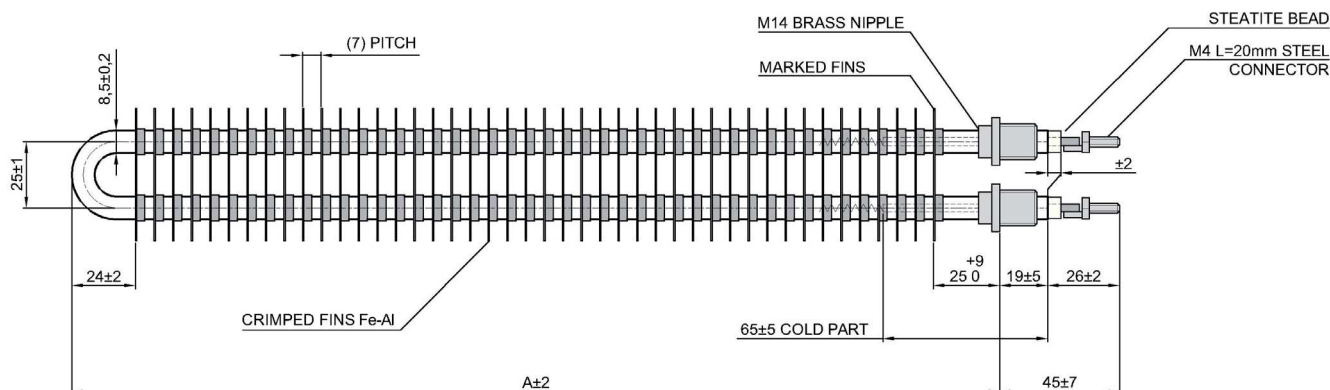
- High adaptability in environments with high humidity
- Excellent mechanic resistance and to corrosion
- High reliability over time
- Wide range of terminations, joints, flanges, fastening systems and connections to ground

APPLICATIONS:

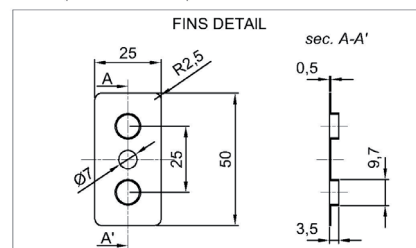
- Industrial applications (ovens, paint ovens, seasoning dryers)
- Baking (fermentation rooms, bakery ovens and pastries)
- Industrial and commercial refrigeration (anti-condensation)
- Air conditioning as electric duct heaters (air conditioning units)



TUBULAR FINNED HEATERS WITH RECTANGULAR FINS - TRF



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)
675501890	SDS.TRF.001	230	700	4,3	350
675501990	SDS.TRF.002	230	1000	6,0	350
675502090	SDS.TRF.003	230	1200	4,4	550
675502190	SDS.TRF.004	230	1500	4,0	750
675502290	SDS.TRF.005	230	2000	5,3	750
675502390	SDS.TRF.006	230	2500	5,1	950
675502490	SDS.TRF.007	230	3000	5,0	1150
675502590	SDS.TRF.008	230	4000	5,7	1350
675502690	SDS.TRF.009	230	5000	6,2	1550



TECHNICAL FEATURES:

Insulation: MgO
 Class: I
 Working temperature: -30°C ÷ 500°C
 External diameter tube (ø): 6.5 mm / 8.5 mm
 Supply voltage: 24V ÷ 400V
 Type of sealing: Hermetic or Silicone
 Max. specific charge*: 10.0W/cm² (* Max. Specific charge, to be checked in application)
 Terminal (on request): Pin faston or cables

Approval product marks:  

Standard of reference: Regulation 1907/2006 (Reach),
 Directive 2011/65/CE (RoHS2)

MAIN BENEFITS:

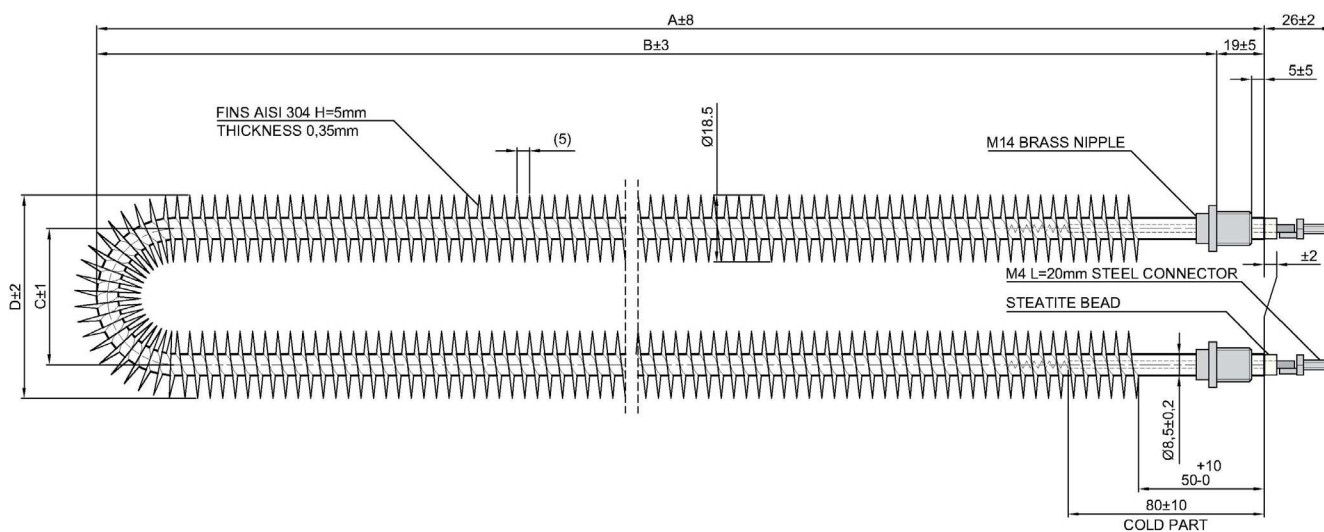
- High adaptability in environments with high humidity
- Excellent mechanic resistance and to corrosion
- High reliability over time
- Wide range of terminations, joints, flanges, fastening systems and connections to ground

APPLICATIONS:

- Industrial applications (ovens, paint ovens, seasoning dryers)
- Baking (fermentation rooms, bakery ovens and pastries)
- Industrial and commercial refrigeration (anti-condensation)
- Air conditioning as electric duct heaters (air conditioning units)



TUBULAR FINNED HEATERS WITH ROUND FINS - TCH



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)	C (mm)	D (mm)
671509590	SDS.TCH.001	230	250	4,0	189	170	50	68,5
671509690	SDS.TCH.002	230	500	3,5	339	320	50	68,5
671509790	SDS.TCH.003	230	750	4,0	439	420	50	68,5
671509890	SDS.TCH.004	230	1000	4,0	539	520	50	68,5
671509990	SDS.TCH.005	230	1500	4,0	789	770	50	68,5
671510090	SDS.TCH.006	230	2000	4,0	1039	1020	50	68,5
671510190	SDS.TCH.007	230	2500	4,0	1269	1250	50	68,5
671510290	SDS.TCH.008	230	3000	4,0	1539	1520	50	68,5

TECHNICAL FEATURES:

Insulation: MgO

Class: I

Working temperature: -30°C ÷ 500°C

External diameter tube (ø): 6.5 mm / 8.5 mm

Supply voltage: 24V ÷ 400V

Type of sealing: Hermetic or Silicone

Max. specific charge*: 10.0W/cm² (* Max. Specific charge, to be checked in application)

Terminal (on request): Pin faston or cables

Approval product marks:



Standard of reference: Regulation 1907/2006 (Reach),
Directive 2011/65/CE (RoHS2)

MAIN BENEFITS:

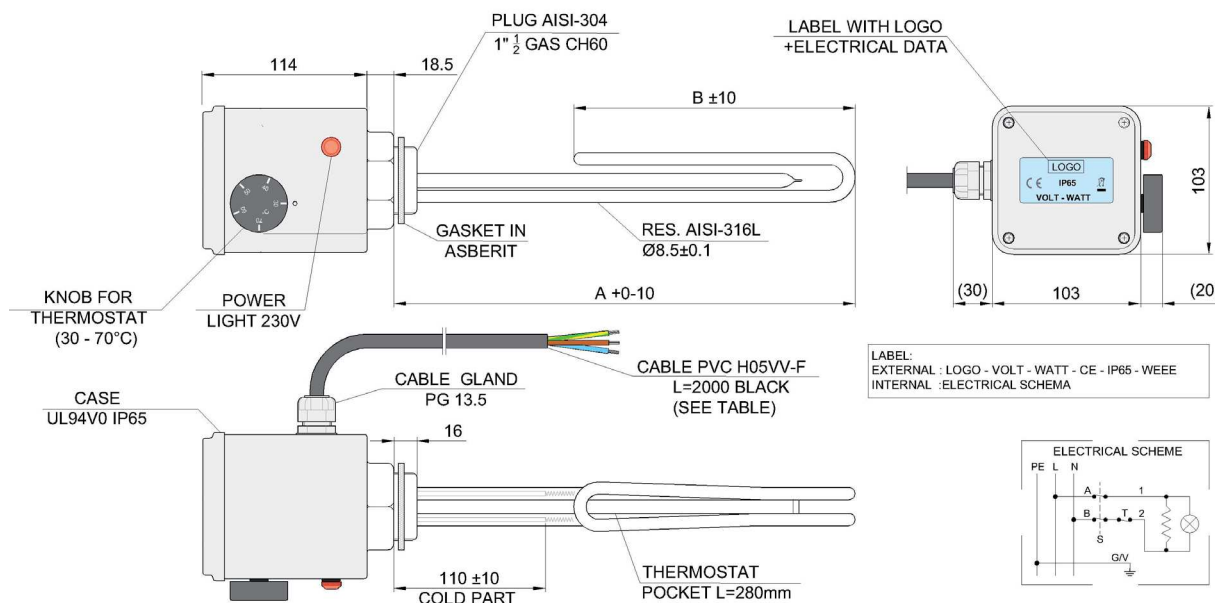
- High adaptability in environments with high humidity
- Excellent mechanic resistance and to corrosion
- High reliability over time
- Wide range of terminations, joints, flanges, fastening systems and connections to ground

APPLICATIONS:

- Industrial applications (ovens, paint ovens, seasoning dryers)
- Baking (fermentation rooms, bakery ovens and pastries)
- Industrial and commercial refrigeration (anti-condensation)
- Air conditioning as electric duct heaters (air conditioning units)



SINGLE-PHASE HEATERS ON THREADED PLUG - RTS



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	B (mm)	Type of cable
820000100	SDS.RTS.001	230	1500	6,80	320	200	3G1.5
820000200	SDS.RTS.002	230	2000	9,10	320	200	3G1.5
820000300	SDS.RTS.003	230	2200	10,0	320	200	3G1.5
820000400	SDS.RTS.004	230	2500	11,3	320	200	3G1.5
820000500	SDS.RTS.005	230	3000	13,5	320	200	3G1.5
820001300	SDS.RTS.006	230	4500	11,7	480	350	3G2.5

MAIN BENEFITS:

- Excellent mechanic resistance and to corrosion
- IP Degree: 65
- High reliability over time
- Easy installation
- Highly customizable

APPLICATIONS:

- Home and industrial applications (solar, geothermic equipment)
- Integrative heaters for heat pumps
- Antifreeze protection in storage tanks
- Machinery for the food industry

Approval product marks:

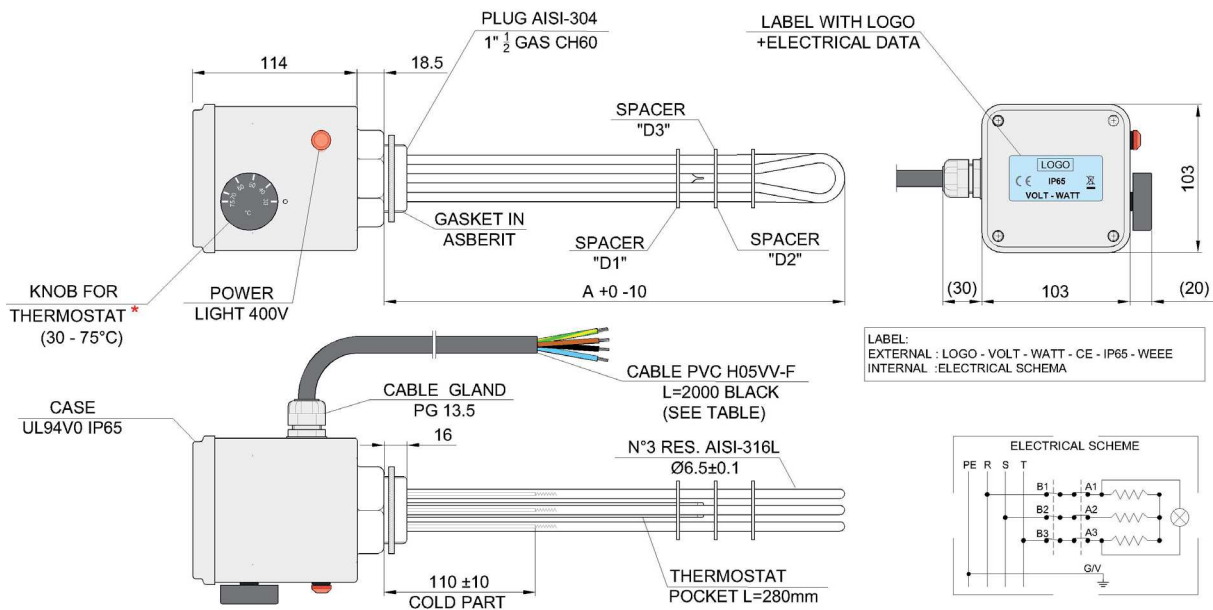


Standard of reference:

Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



THREE-PHASE HEATERS ON THREADED PLUG - RTT



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	Spacer	Type of cable
823000100	SDS.RTT.001	400	3000	13,1	300	D1	3G1.5
823000400	SDS.RTT.002	400	4000	11,4	400	D1	3G1.5
823000500	SDS.RTT.003	400	4500	10,9	450	D1	3G1.5
823001200	SDS.RTT.004	400	5000	10,6	500	D1	3G1.5
823000600	SDS.RTT.005	400	5500	10,3	550	D1 + D2	3G1.5
823000200	SDS.RTT.006	400	6000	10,1	600	D1 + D2	3G1.5
823000800	SDS.RTT.007	400	7500	10,4	700	D1 + D2	3G1.5
823000300	SDS.RTT.008	400	9000	12,5	700	D1 + D2	3G1.5
823001800	SDS.RTT.009	400	12000	13,3	850	D1 + D2 + D3	3G2.5

MAIN BENEFITS:

- Excellent mechanic resistance and to corrosion
- IP Degree: 65
- High reliability over time
- Easy installation
- Highly customizable

APPLICATIONS:

- Home and industrial applications (solar, geothermic equipment)
- Integrative heaters for heat pumps
- Antifreeze protection in storage tanks
- Machinery for the food industry

Approval product marks:

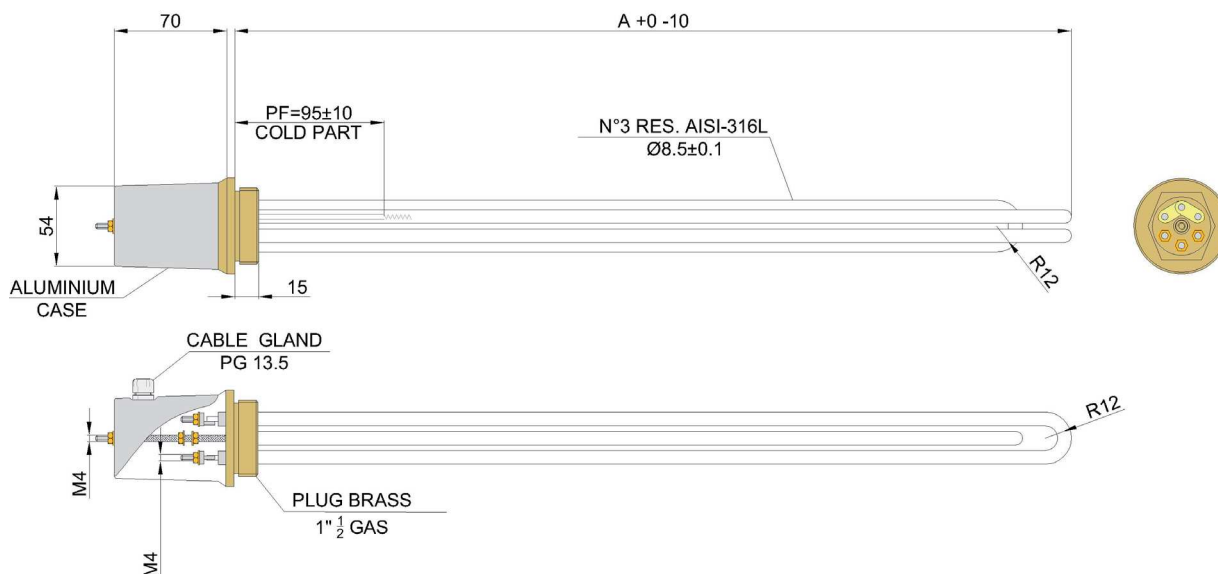


Standard of reference:

Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



SINGLE-PHASE HEATERS ON BRASS PLUG - RBO



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)
833003000	SDS.RBO.001	230	1000	4,4	215
833004000	SDS.RBO.002	230	2000	8,8	215
833005000	SDS.RBO.003	230	3000	9,0	280
833006000	SDS.RBO.004	230	5000	8,5	438
823000700	SDS.RBO.005	230	6000	8,5	516

MAIN BENEFITS:

- Excellent mechanic resistance and to corrosion
- High reliability over time
- Easy installation
- Highly customizable

APPLICATIONS:

- Home and industrial applications (solar, geothermic equipment)
- Integrative heaters for heat pumps
- Antifreeze protection in storage tanks
- Machinery for the food industry

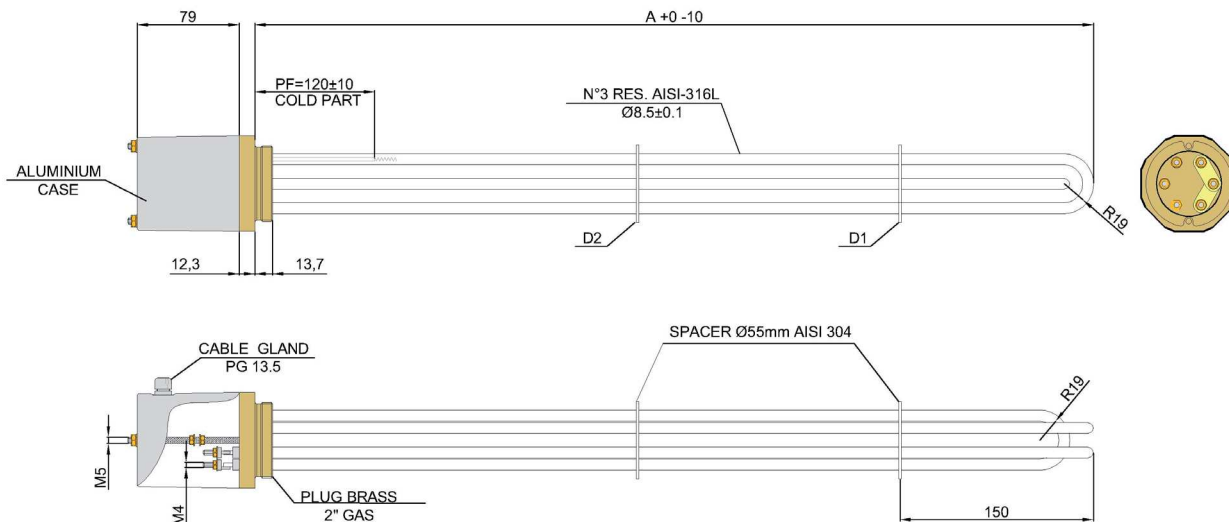
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)



SINGLE-PHASE HEATERS ON BRASS PLUG - RBD



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²	A (mm)	D1	D2
833008000	SDS.RBD.001	230	6000	9,20	516	1	-
833009000	SDS.RBD.002	230	9000	9,50	700	1	1
833010000	SDS.RBD.003	230	12000	10,0	850	1	1
833011000	SDS.RBD.004	230	15000	11,8	900	1	1

MAIN BENEFITS:

- Excellent mechanic resistance and to corrosion
- High reliability over time
- Easy installation
- Highly customizable

APPLICATIONS:

- Home and industrial applications (solar, geothermic equipment)
- Integrative heaters for heat pumps
- Antifreeze protection in storage tanks
- Machinery for the food industry

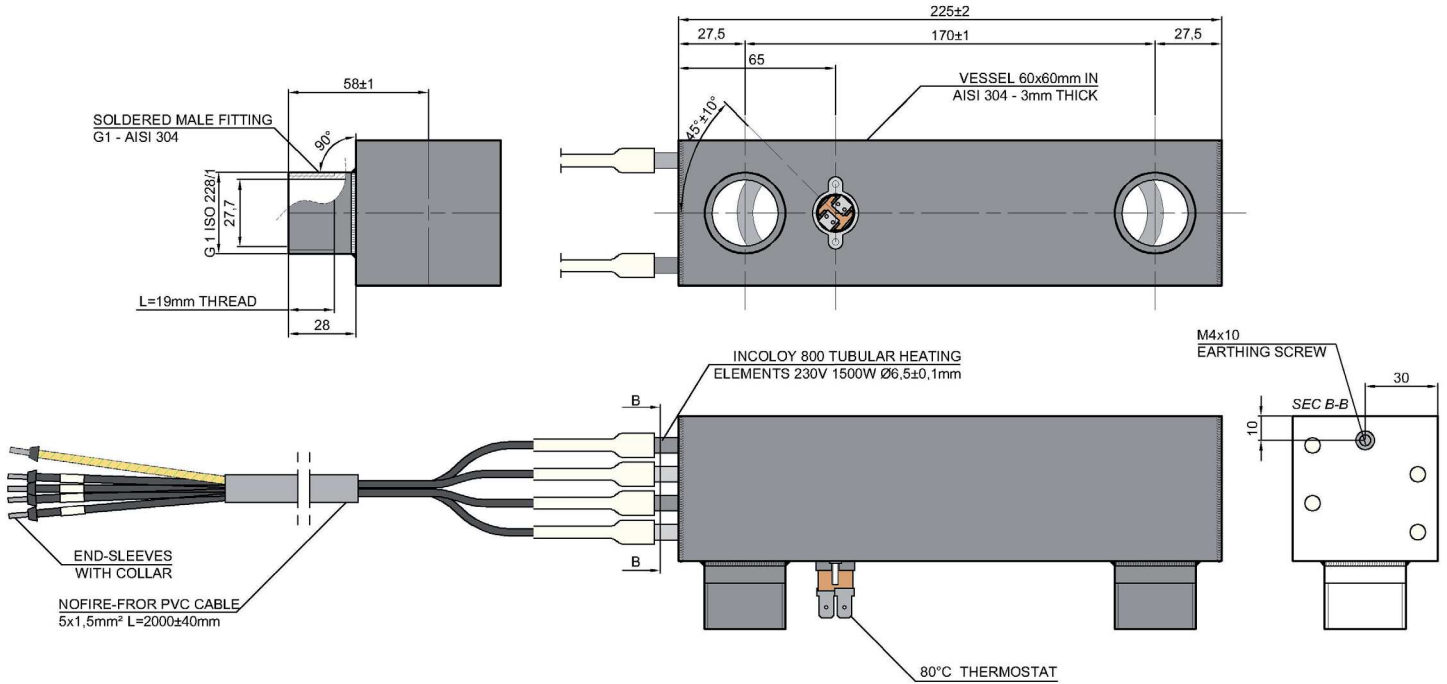
Approval product marks:



Standard of reference:
Regulation 1907/2006 (Reach)
Directive 2011/65/CE (RoHS2)





HEAT EXCHANGER - HXT



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²
825000200	SDS.HXT.001	230	3000	10

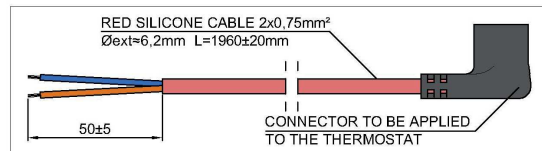
TECHNICAL FEATURES:

- Voltage: 230-400Vac (other voltages on request)
- Power: from 3000W to 6000W (different power on request)
- Dimensions: 400x200x100 mm
- Working temperature: -40°C / +100°C
- Working environment: Water + Glycol at max 30%
- Temperature control: recommended
- Safety thermostat: automatic reset at 80°C already installed
- Automatic valve vent already installed
- Vessel made of AISI 304
- Electrical heating elements in Incoloy 800

Approval product marks:  

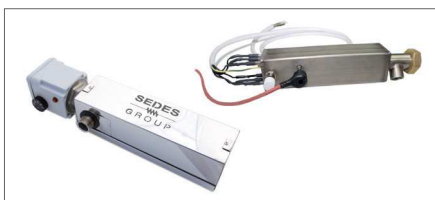
Standard of reference: Regulation 1907/2006 (Reach), Directive 2011/65/CE (RoHS2)

LOOSE ACCESSORIES:



MAIN BENEFITS:

- Excellent resistance to corrosion
- High reliability over the time
- Easy to install
- Highly customizable

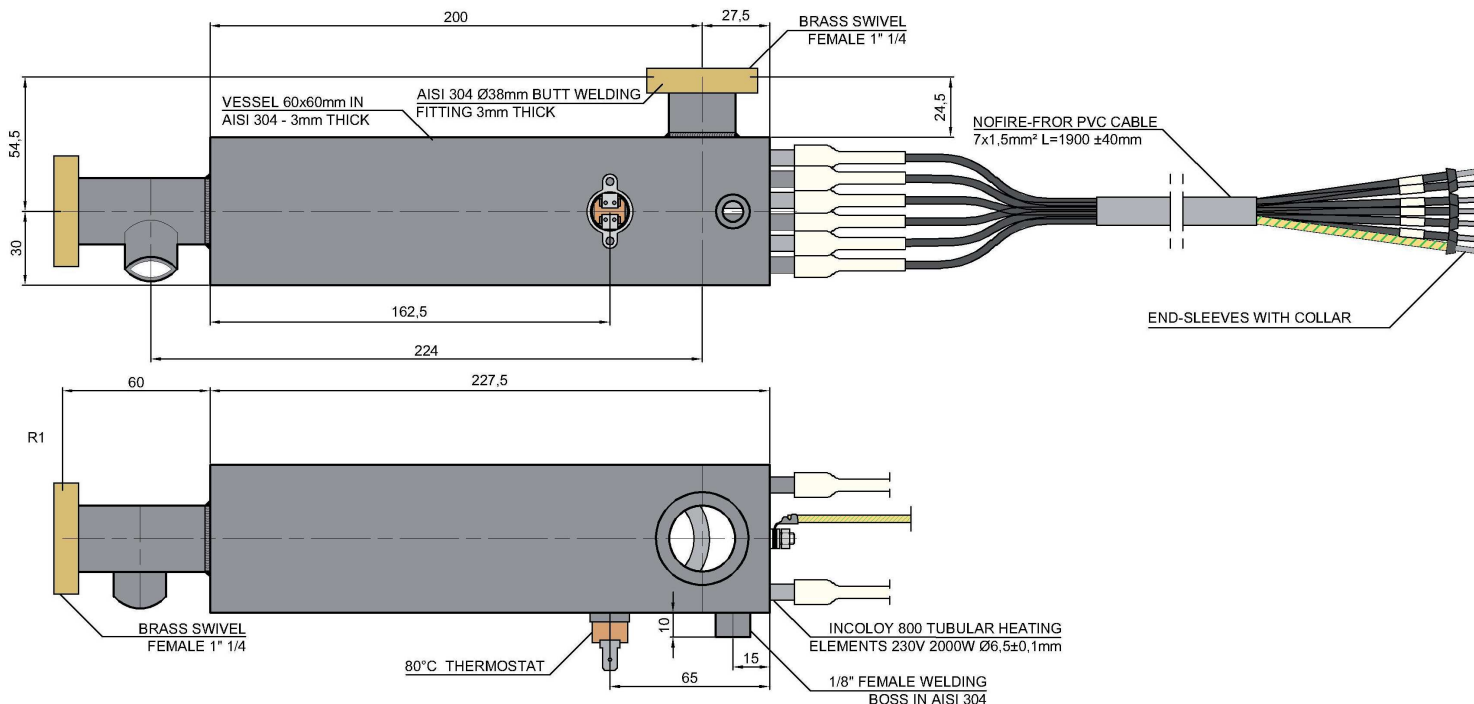


APPLICATIONS:

- Industrial applications
- Home applications
- Integrative heaters for heat pumps
- Machineries for the food industry



HEAT EXCHANGER - HXS



SEDES Code	Speed Code	Volt (V)	Watt (W)	W/cm ²
825000101	SDS.HXS.001	230	6000	12

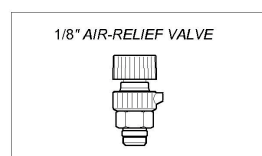
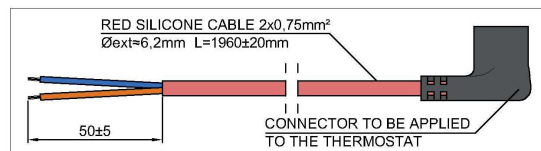
TECHNICAL FEATURES:

- Voltage: 230-400Vac (other voltages on request)
- Power: from 3000W to 6000W (different power on request)
- Dimensions: 400x200x100 mm
- Working temperature: -40°C / +100°C
- Working environment: Water + Glycol at max 30%
- Temperature control: recommended
- Safety thermostat: automatic reset at 80°C already installed
- Automatic valve vent already installed
- Vessel made of AISI 304
- Electrical heating elements in Incoloy 800

Approval product marks:  

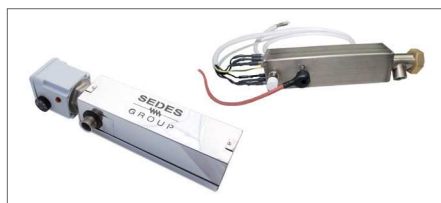
Standard of reference: Regulation 1907/2006 (Reach), Directive 2011/65/CE (RoHS2)

LOOSE ACCESSORIES:



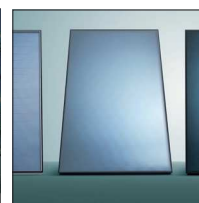
MAIN BENEFITS:

- Excellent resistance to corrosion
- High reliability over the time
- Easy to install
- Highly customizable



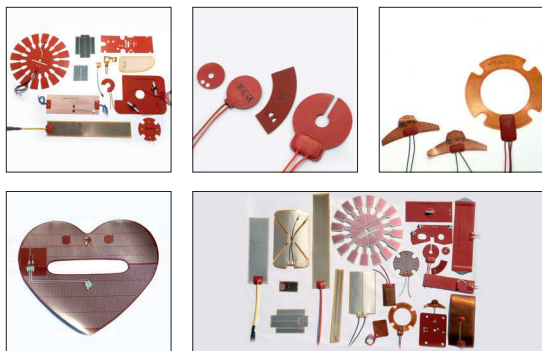
APPLICATIONS:

- Industrial applications
- Home applications
- Integrative heaters for heat pumps
- Machineries for the food industry

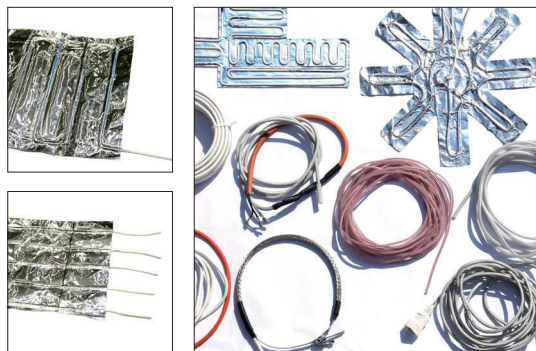


To support our Customers for any needs related to heating, warming, defrosting applications, we can provide custom products using all our different technologies. Sedes has a wide experience in several sectors like automotive, industrial and commercial refrigeration, catering equipments, household and professional appliances, wellness, medical, industrial applications, internal furniture, alternative energy, and many others. We can be your partner to find the best solution to your needs. Please, ask our Sales Team for support.

UP ULTRAFLAT HEATING ELEMENTS



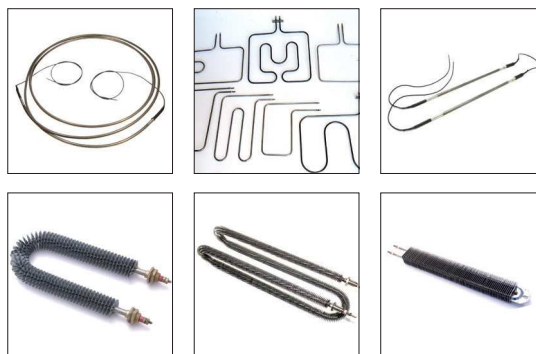
FL CABLE HEATERS



RT THREADED PLUG HEATERS



HL TUBULAR HEATING ELEMENTS



PTC CARTRIDGES



SDS **SELF!**





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