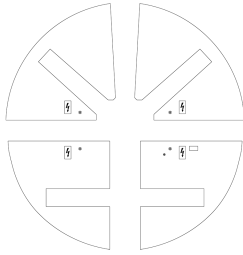


Order number: 237500006

Open text field 1:



- Good heat distribution due to an optimal fit of the heating mat on the reflector
- Element carrier of aluminium foil, self-adhesive foil strips at the front
- Thermal insulation made of bubble wrap with reflective layer, 4 mm
- Built-in sensor to additionally define the heating temperature via a control
- A control unit is mandatory for operating the ESO 180 HL. For this purpose, the required temperature sensor is built into the heating mat.
- Operation with the following controls possible: ESO 97 SL, ESO 99 S

Scope of supply:

- 1 x heating mat with 3 m cable (H05RNF) and heating temperature sensor
- Mesh reinforced aluminium foil, 0.05 x 17 m
- Adhesive film (white) for covering the aluminium foil, 0.075 x 17 m
- 8 x cable ties, 360 mm



Hersteller: Kathrein

## ESO 180 HL

### Product information "ESO 180 HL"

Flexible special heating mat with integrated thermal insulation and PTFE-insulated heating elements for the sat antenna CAS 180, increased performance

<b>Type:</b>	ESO 180 H
<b>Order no.:</b>	237500004
<b>Suitable for sat antenna:</b>	CAS 180
<b>Permissible ambient temperature:</b>	-40 to +80 °C
<b>Heating capacity:</b>	1400 W
<b>Corresponds to the standards:</b>	EN 61000-6-1, EN 61000-6-3, EN 1010-1, EN 60519-1, EN 60519-2
<b>Nominal current:</b>	Approx. 6 A
<b>Insulation resistance:</b>	> 20 MΩ
<b>Nominal temperature (frost protection):</b>	+3 °C
<b>Temperature protection:</b>	80 °C opener
<b>Design and construction type in accordance with:</b>	DIN VDE 0100, DIN EN 60519-1, VDE 0721-1 DIN EN 50173-4, VDE 0800-173-4
<b>Operational voltage:</b>	230 +6 %/-10 %; 50 – 60 Hz V
<b>Service life:</b>	Min. 10 years
<b>Protection class:</b>	IP 65
<b>Dielectric strength:</b>	2,5 kV
<b>Nominal power:</b>	Approx. 500 W
<b>Recommended installation temperature:</b>	+15 bis +30 °C
<b>Nominal voltage:</b>	230 V
<b>Weight:</b>	ca. 4,3 kg