

Accessories for satellite reception systems

Heating system control unit

ESO 99	271988
ESO 101	271990
ELSM 124/180	26910001

- To control the ESO 75/124/180 Kathrein reflector heating systems
- The following parameters are analysed:
 - Outdoor temperature
 - Reflector temperature
 - Ice and snow formation on the reflector
 - Fouling
- The reflector is heated when the outside and reflector temperatures sink below set values and when ice or snow are on the reflector surface
- Signalises fouling on the reflector surface
- Over-heating protection
- Manual or remotely switched mode
- **ESO 101** (order no. 271990):
 - Suitable sensors with terminal box to control the ESO 99
 - Opto-sensor to identify ice or snow formation and fouling
 - Temperature sensors to measure the outdoor and reflector temperatures
- **ELSM 124/180** (order no. 26910001):
 - To mount the opto-sensors onto the boom of the ZAS 124 or ZAS 181 feed system supports
 - Suitable for CAS 124 or CAS 180



Type		ESO 99
Order no.		271988
Nominal voltage	V _{AC}	230
Operational temperature	°C	-20 to +60
Temperature setting range		
Ambient temperature upper threshold/lower threshold	°C	-3 to +5/-25 to -5
Reflector temperature	°C	+20 to +60
Switching hysteresis	°C	1
Residual heat time	min	3-180