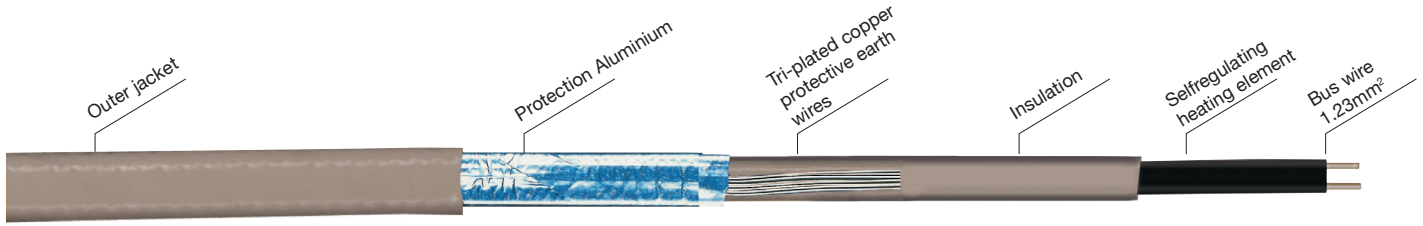


# Selfregulating heating cable Type ELSR-W up to 100°C



- Self-regulating
- Two nominal outputs
- Can be cut to length from the roll
- Moisture proof

Outer jacket ..... TPE-O  
 Bus wire ..... Cu nickel-plated  
 Maximum exposure temperature (deenergized) ..... 100°C  
 Maximum exposure temperature (energized)..... 80°C  
 Nominal voltage ..... 230V  
 Bending radius minimum ..... 20mm  
 Min. installation temp. .... -20°C

**Applications:**

The self-regulating heating cable ELSR-W (hot water) is used for receptacles, pipes, valves and several other applications with temperatures between 30°C and approx. 80°C.

Except for the connections, the heating cable may be fully immersed.

The ELSR-W self-regulating heating cables are frequently used to heat oil and fat lines, for example in the foodstuff industry. But also its use for drainage lines in canteens and (large scale) kitchens makes good sense, avoiding fat and oil deposits by heating.

**Technical Data:**

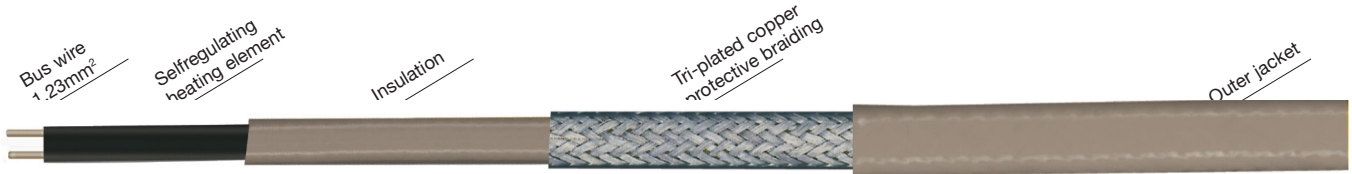
Type	Nom. loading at 10°C (W/m)	Max. allowed ambient temperature		Earth braiding	Dimensions (mm)	Part no.
		power on	power off			
ELSR-W-55-2-AO	21	80	100	Alu-foil	12.9x5.0	3660100
ELSR-W-55-2-BO	21	80	100	Braiding	12.9x5.0	3660102
ELSR-W-65-2-AO	28	80	100	Alu-foil	12.9x5.0	3660105
ELSR-W-65-2-BO	28	80	100	Braiding	12.9x5x0	3660106

**Design:**

BO: Protective braiding and a thermoplastic outer jacket.  
 AO: Aluminium foil and a thermoplastic outer jacket.

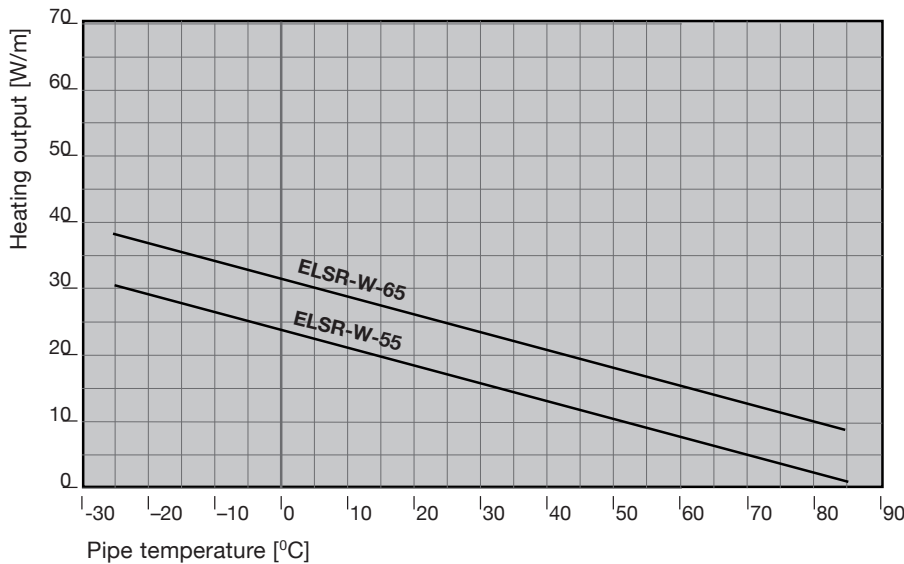
Termination Kit	Description	Part no.
ELSR-W-55/65	For box w/PG16	7399106
ELSR-W-55/65	For box w/M25	7399116
ELSR-W-55/65	For cold cable	7399108

# Selfregulating heating cable Type ELSR-W up to 100°C



### ELSR-W output

(on insulated metallic pipes in accordance with EN 62395-1)



### Heating circuit lengths ELSR-W

considering

- 230V nominal voltage
- Delayed action circuit breakers (C-characteristic) with 80% maximum load
- Maximum 10% line voltage drop on the heating cable bus wire
- A (1) single end power input heating cable into consideration

Switch-on temperature (°C)	Nominal cut-out value (A)	Heating circuit length (m) for	
		ELSR-W-55	ELSR-W-65
+50°C	16	158.0	110.0
	20	225.0	137.0
	25	285.0	171.0
+20°C	16	121.0	76.0
	20	150.0	95.0
	25	189.0	118.0
0°C	16	106.0	63.0
	20	130.0	78.0
	25	166.0	98.0
-20°C	16	96.0	54.0
	20	120.0	67.0
	25	150.0	84.0