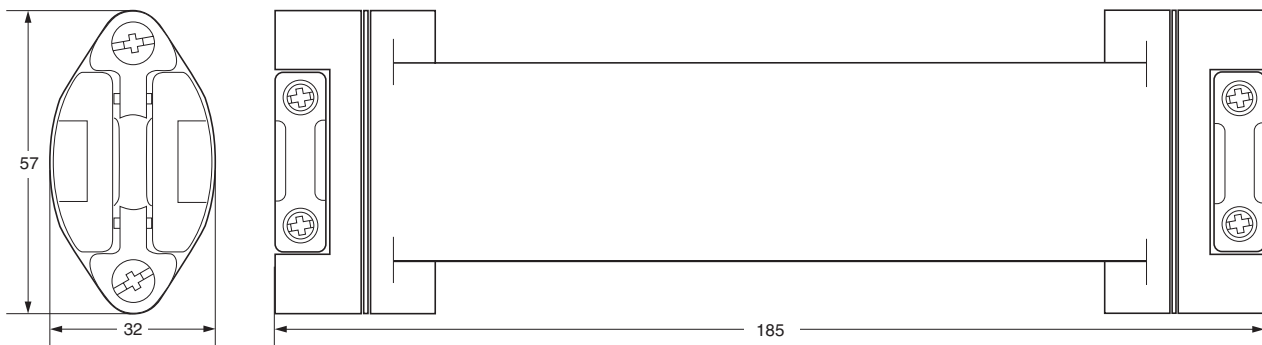


Dimensions (in mm)



Heating cable types XPI-NH, XPI-S polymer insulated (PI) series resistance cable, for other types contact Tyco Thermal Controls

Materials of construction

Housing, connection	Glass fibre reinforced temperature resistant engineering plastic
Support ring, spacer, screws and spring	Stainless steel
Cable seals	Silicon rubber

Maximum operating temperature (*) Power on: 180°C (may be limited by the temperature resistance of the supply cable)
Power off: 210°C (using variant L, dependent on the type of supply cable e.g. 200°C for silicon cables, unless the power cable connection is bent sufficiently far away from the heated surface).

Minimum installation temperature -50°C

Max. operating voltage Variant C and S = 750 V
Variant L = 420 V

Max. allowed wattage The max. allowed cable output is limited depending on the application. Refer to the installation instruction for details.

Max. permitted nominal current (*) Variant S : 32 A
Variant C with 1 x 2.5 mm² supply cable: 25 A
Variant C with 1 x 4 mm² supply cable: 32 A
Variant L with 3 x 2.5 mm² supply cable up to 150°C: 25 A
Variant L with 3 x 2.5 mm² supply cable 151°C to 180°C: 20 A

Supply cable dimensions -> Multi-stranded copper conductors 3 x 2.5 mm², Ø 7.8 - 12.5 mm²
-> Single conductor cold lead, max. 1 x 4 mm², Ø 3.2 to 6.4 mm

Supply cable requirements The maximum permissible voltage drop is to be taken into consideration when selecting the cross-section of the power cable.
The maximum working temperature of the CS-150-UNI-PI can be reduced through the maximum permitted continuous use temperature of the supply cable, unless the supply cable is laid (at a sufficient distance from the heated surface) so that the maximum permitted continuous use temperature will not be exceeded. A suitable power cable is the silicon insulated cable type C-150-PC.

Accessories

Cable gland	GL-36-M25 hazardous area approved gland for 8-17 mm cables diameter
	GL-44-M20-KIT hazardous area approved gland for 5-13 mm cables diameter

Ordering details

Order reference	CS-150-UNI-PI
Part number (Weight)	A45371-000 (0.4 kg)

(*) For the full range of technical design details of the CS-150-UNI-PI refer to the installation instructions (INSTALL-064)