



Picture: HT-10

### Junction Box:

- ATEX and IECEx approved.
- CE marked.
- Suitable for installation in harsh environments and hazardous area Zone 1 and Zone 2 dependent on the protection level.
- Direct termination for listed nVent Heat Trace cables

### Technical data:

Material:	AISI316L/EN 1.4404
Protection:	IP 66/67
Ex-protection:	Ex II 2G Ex eb IIC T6 Gb
Ta:	-20°C ≤ Ta ≤ +40°C EPDM gasket -40°C ≤ Ta ≤ +40°C Silicone gasket*
Finish:	Bright chemical dip
Voltage:	Up to 500V
Approvals:	
ATEX:	DNV 21 ATEX 96478X
IECEx:	IECEx DNV 21.0079X

The HT-xx junction box series are suitable for both direct connection of heat trace cable and for use as terminal junction box, for wall mounted installation.

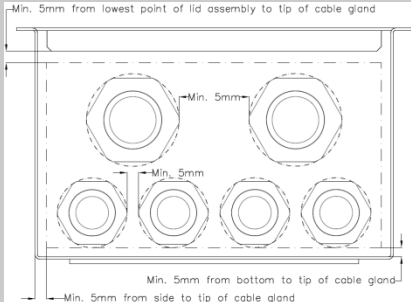
All entries are equipped with dust plugs as standard.

Glands, stopper plugs and drain/breather plugs has to be specified and ordered in addition.

All sizes are in mm.

Type	External (Width)	External (Height)	External (Depth)	Internal (Width)	Internal (Height)	Internal (Depth)	A	B	Weight	Elcor part.no.
HT-10	136	141	82	100	120	75	60	138	1,1 kg	1000.312
HT-20	173	154	82	150	120	75	110	138	1,5 kg	1000.322
HT-30	176	174	103	155	140	100	110	158	1,9 kg	1000.332
HT-40	241	174	103	220	140	100	165	158	2,5 kg	1000.342
HT-60	202	156	103	180	120	100	125	138	1,8 kg	1000.362

\*HT-0XS = Silicone

Type / Model:	INSTALLATION OF TERMINALS			RECOMMENDED INSTALLATION OF GLANDS
	Min. Terminal / Conductor Cross section in mm <sup>2</sup> :	Max. Load(A):	Max. number of terminals:	Gland may be fitted on all sides except top and lid.  M16 – M32
HT-01 HT-10	2,5 mm <sup>2</sup> 4 mm <sup>2</sup>	16 20	10 10	
HT-02 HT-20	2,5 mm <sup>2</sup> 4 mm <sup>2</sup> 6 mm <sup>2</sup> 10 mm <sup>2</sup>	16 20 25 32	10 10 8 8	
HT-03 HT-30	2,5 mm <sup>2</sup> 4 mm <sup>2</sup> 6 mm <sup>2</sup> 10 mm <sup>2</sup>	16 20 25 32	12 12 9 8	
HT-04 HT-40	2,5 mm <sup>2</sup> 4 mm <sup>2</sup> 6 mm <sup>2</sup> 10 mm <sup>2</sup>	16 20 25 32	14 12 10 10	
HT-06 HT-60	2,5 mm <sup>2</sup> 4 mm <sup>2</sup> 6 mm <sup>2</sup> 10 mm <sup>2</sup>	16 20 25 32	12 12 9 8	



Gland configurations on request.

All glands shall be in accordance with EN 60079-0 and EN 60079-7 when installed in a Ex e enclosure.

Various combinations of terminals may be fitted within the terminal boxes. In such cases, the total percentage of the installation shall be less than 100%.