




Picture: HT-02P

### 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:	 II 2 G 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 500 V / 32 A
Approvals:	
ATEX:	DNV 21 ATEX 96478X
IECEx:	IECEx DNV 21.0079X

The HT-0x junction box series are suitable for both direct connection of heat trace cable and for use as terminal junction box, for pipe 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 measurements are in mm.

Type	External (Width)	External (Height)	External (Depth)	Internal (Width)	Internal (Height)	Internal (Depth)	Transition units	Weight	Elcor part.no.
HT-01	134	141	82	100	120	76	1	1,3 kg	1000.415
HT-02	171	154	82	150	120	76	2	1,9 kg	1000.425
HT-03	176	154	106	155	140	100	2	2,3 kg	1000.435
HT-06	180	154	106	180	120	100	2	2,2 kg	1000.465

\*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:	
HT-01	2,5 mm <sup>2</sup>	16	10	Gland may be fitted on all sides except top and lid.  M16 – M32
	4 mm <sup>2</sup>	20	10	
HT-02	2,5 mm <sup>2</sup>	16	10	
	4 mm <sup>2</sup>	20	10	
	6 mm <sup>2</sup>	25	8	
	10 mm <sup>2</sup>	32	8	
HT-03	2,5 mm <sup>2</sup>	16	12	
	4 mm <sup>2</sup>	20	12	
	6 mm <sup>2</sup>	25	9	
	10 mm <sup>2</sup>	32	8	
HT-04	2,5 mm <sup>2</sup>	16	14	
	4 mm <sup>2</sup>	20	12	
	6 mm <sup>2</sup>	25	10	
	10 mm <sup>2</sup>	32	10	
HT-06	2,5 mm <sup>2</sup>	16	12	
	4 mm <sup>2</sup>	20	12	
	6 mm <sup>2</sup>	25	9	
	10 mm <sup>2</sup>	32	8	



Picture: HT-01P

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%.