



NOTES

- All dimension are in mm except where otherwise indicated.
- Terminal box C.S. painted according to standard Fat.Color:RAL7035.
- One name plate set for each tag will be supplied.
- Heating Elements Diameter: Nominal Ø10 mm - After Machining Ø8.5 mm.
- Thermostat TG type, automatic reset set at 45°C, range 0°C+120°C, inside pockets for temperature control.
- Thermostat TG type, manual reset set at 120°C, range 120°C+300°C, inside pockets for safety temperature control.
- Cable glands are not in Fati scope of supply.
- Elements length and pipes length tolerance: ±3%.

TECHNICAL DATA

Item	RU0001A-H-01 ; RU0001B-H-01.
Power	2 kW
Stages	1
Voltage/Frequency/Phases	400 V ± 5% / 50 Hz ± 5% / 3 Ph
Electrical Connection	STAR
Number of Heating Elements	3
Active Length of Element	600 mm
Specific Surface Load	2,08 W/cm²
Ambient Temperature allowable	Hydrotest 35 barg -40 °C / +60 °C
Bundle Weight	10 kg
Certificate	ITS 03 ATEX 11118X

POS.	DESCRIZIONE	Q.tà	MATERIALI	CERT.	DIMENSIONI	NOTE
10	EYE BOLT	1	C.S.	C	M8	
9	TUBESHEET	1	ST.ST. 304L	C	Ø150x10 mm	
8	EARTHING LUG	1	ST.ST. 304	C	M6	
7	NAMEPLATE	1	ST.ST. 316L	C	80x45 + 100x14 - Thk.0.5 mm	
6	INSTRUMENT CABLE ENTRY	1	C.S.	C	ISO M20	
5	POWER CABLE ENTRY	1	C.S.	C	ISO M32	
4	THERMOWELL	1	SA 249 TP304L	B	Ø10x1 - L=485 mm	
3	HEATING ELEMENT	3	SA 249 TP304L	B	Ø8.5x1 - L=720 mm	
2	PLUG	1	ST.ST. 304L	C	1 1/2 NPT	
1	TERMINAL BOX	1	C.S.	C	100/D - Ex db IIB T3 Gb IP65	

ELENCO MATERIALI		Materials list	
A	MATERIALE CON CERT. 3.2 EN10204/2005 Material with cert. 3.2 EN10204/2005	B	MATERIALE CON CERT. 3.1 EN10204/2005 Material with cert. 3.1 EN10204/2005
C	MATERIALE CON CERT. 2.2 EN10204/2005 Material with cert. 2.2 EN10204/2005		

N° UNITA' N. of unit	2	N° DI FABBRICA Serial Number	148B24-149B24
Cliente Customer			
DELTA GMBH			
1	ISSUE FOR COMMENT	17/07/2024	POSA FEDELI FEDELI
0	ISSUE FOR APPROVAL	09/07/2024	POSA FEDELI FEDELI
Rev. Issue	Descrizione Description	Data Date	Dis. Drawn Cont. Check Progr. Appr. Proj. Appr.

F.A.T.I. srl
Electric Heaters for Industry
viale A. Volta 52, 20047 Cusago-MI-Italy

Dis. N. Dwg. N.	240709EP01	Rev.	1
ELECTRIC HEATER 2 kW BUNDLE DETAIL DRAWING		Scala Scale	1:2.5
Figs. Sh.		1	di of 1
Sigla Item	Località Locality	Commissa Job	241689
RU0001A-H-01 RU0001B-H-01		Ordine Order	DELTA-FATI-2024-PO-200