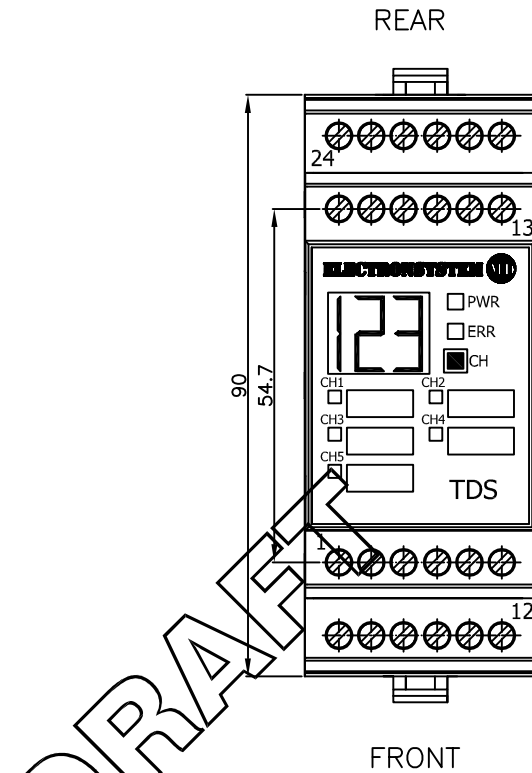
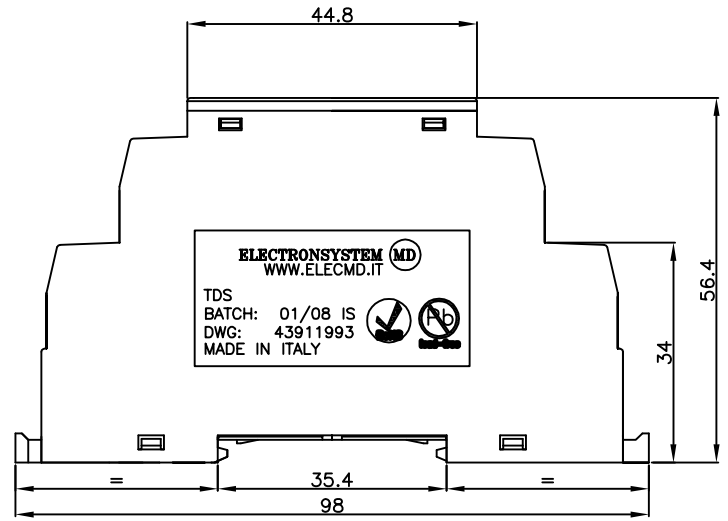
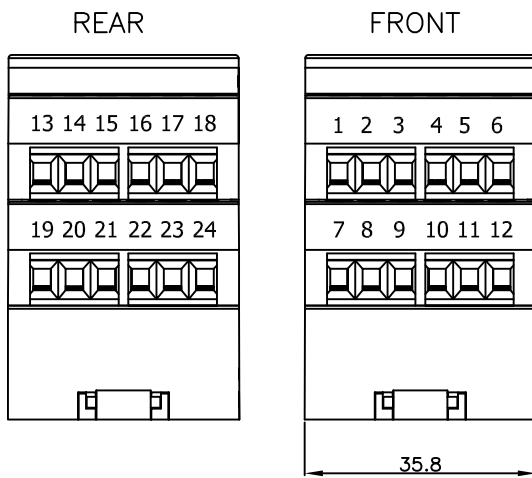


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TDS : THERMAL DETECTING SYSTEM

TDS is an integrated solution for continuous over-temperature monitoring of critical connections inside LV or MV switchgear



FEATURES

- 5 x independent temperature input sensors
- dwg. 43911994 IR contactless sensor
- Wide aux voltage: 24÷220 Vdc
- Local indications of alarm and lock for each input channel
- 1 x remote contact for indication of over heating alarm
- 1 x remote contact for indication of over heating lock
- LCD display for local indication of temperature for each channel selectable by **CH** button
- 3 x preset thresholds for alarm
- 3 x preset thresholds for lock

PURCHASE CODE

Description : Thermal Detecting System

Code : TDS/ /

D: version with LCD Display
_ : version without LCD display
S: output with RS485 mod. BUS RTU
C: output with normal contacts

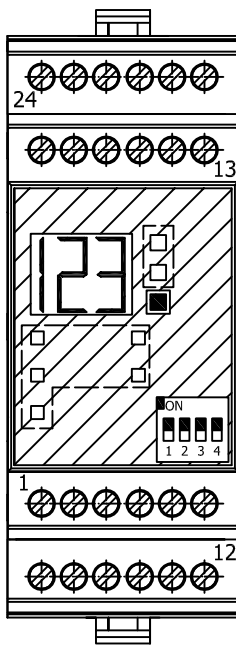
Piano di Campionamento (UNI 4842-75)	
LIVELLO	LQA
L2	1

001	Fig.	Material/Materiale	N° Series / Serie	Finishing / Finitura
Filing Room Archivio	Thread quality tolerance Tolleranza filetti qualità "6g-6S" UNI 5541-65	General tolerance for machining / Tolleranze generali per lavorazioni meccaniche:		
Prep. Dis. G. FORLANI	Coord. Punching N.C. mach. Coord. punzon. a C.N. JS11	Quality for linear dimension Qualità per quote lineari	Extra fine / Fine	JS12
App. P. GUIZZETTI	Resp. Dep. Off. Resp. Uff. Tecnico		Median / Media	JS13
Rev./Mod 0 01.10.2008: Emissione nuovo disegno			Coarse / Grossolano	JS15
ELECTRONSYSTEM MD S.r.l.		Apparatus Apparecchio	Title Titolo	
		Doc. No. N° Doc.	TDS THERMAL DETECTING SYSTEM	
		43911993	Lang. Lingua	
			Scale Scala	
			Sh. No. N° Pag.	
			1/2	

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VIEW WITHOUT FRONT PANEL



Contact scheme

1 (+) AUXILIARY POWER
2 (-) 24 ÷ 220 Vdc

3 | ERROR
4 | (normally open, close with error or without auxiliary power)

5 | ALARM
6 | (normally open, close with alarm)

7 | LOCK
8 | (normally open, close with alarm)

10 (+) INPUT
11 (-) SENSOR 1
12 (OUT) dwg 43911994

13 (+) INPUT
14 (-) SENSOR 2
15 (OUT) dwg 43911994

16 (+) INPUT
17 (-) SENSOR 3
18 (OUT) dwg 43911994

19 (+) INPUT
20 (-) SENSOR 4
21 (OUT) dwg 43911994

22 (+) INPUT
23 (-) SENSOR 5
24 (OUT) dwg 43911994

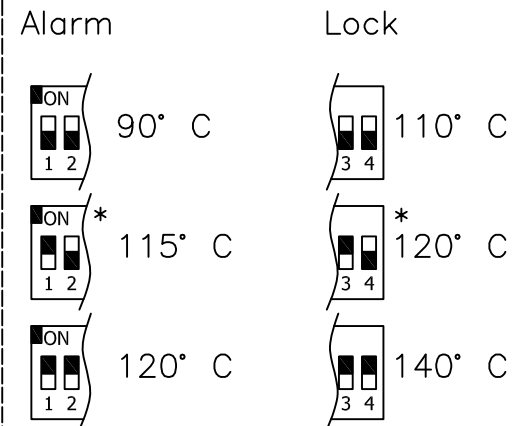
Front panel indication

PWR:
Auxiliary power on

ERR:
Internal diagnostic indication

CHx
 Alarm CHx indication
—Green: CH OK
—Red: CH over heated lock
—Yellow: CH heated alarm

Temperature Threshold selection



* standar settings
** different thresholds on request

DRAFT

Piano di Campionamento (UNI 4842-75)	
LIVELLO	LQA
L2	1

001	Fig.	Material/Materiale	N° Series / Serie	Finishing / Finitura
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		Coord.Punching N.C. mach. Coord. punzon. a C.N. JS11	Quality for linear dimension Qualità per quote lineari	<table border="1"> <tr> <td>Extra fine / Fine</td> <td>JS12</td> </tr> <tr> <td>Median / Media</td> <td>JS13</td> </tr> <tr> <td>Coarse / Grossolano</td> <td>JS15</td> </tr> </table>	Extra fine / Fine	JS12	Median / Media	JS13	Coarse / Grossolano	JS15
Extra fine / Fine	JS12									
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