

**TECHNICAL DATASHEET**

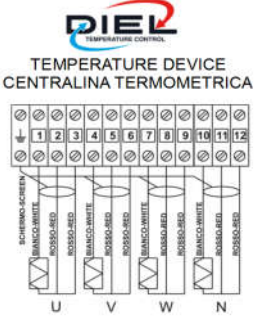
**PT100BOXT03 001**

**PICTURE**



**THERMOPL BOX 150X105X80 3 PT100S10 STD**

**TECHNICAL DRAWING**



**TEMPERATURE DEVICE  
CENTRALINA TERMOMETRICA**

**PT100 PROBES CONNECTION**  
 Connect the PT100 probes respecting the enclosed diagram. Use a screened cable with section not less than 0.25mm<sup>2</sup> with maximum length of 100 meters. Connect the screen to earth only on one of two ending of cable in order to avoid any earth rings. Keep separate if possible the PT100 cables from power cables.

**COLLEGAMENTO SONDE PT100**  
 Collegare i sensori PT100 rispettando lo schema in figura. Utilizzare cavo schermato di sezione non inferiore a 0.25mm<sup>2</sup> avente la lunghezza massima pari a 100 metri. Collegare gli schermi a terra solo ad una delle due estremità del cavo onde evitare anelli di massa. Mantenere separati se possibile i cavi delle sonde da quelli di potenza.

**TECHNICAL FEATURES**

BOX TYPE	PLASTIC BOX HALOGEN FREE
GLAND	ANTI-TEAR CABLE GRANDS
TERMINAL SOCKETS	WEIDMULLER DIN RAIL 2,5 mmq
SCHEMA	IP 55

DIMENSIONS	mm. 150X105X80
PROTECTION	IP 55
RAIL TYPE MOUNTING	HORIZONTAL
STANDARD	DIEL

**PROBES**

CH	CODE	LEN cm	PHASE
CH1	PT100S103FL025	250	R
CH2	PT100S103FL025	250	S
CH3	PT100S103FL025	250	T
CH4			
CH5			
CH6			

CH	CODE	LEN cm	PHASE
CH1			
CH2			
CH3			
CH4			
CH5			
CH6			

**TESTS**

Insulating test between capsule and copper wire 2,5 KV AC for 60"  
 Dimensional and visual control 100%  
 Impedance at room temperature 100%  
 Functional control 100%

**NOTES**

DATE	REL
2018	1