

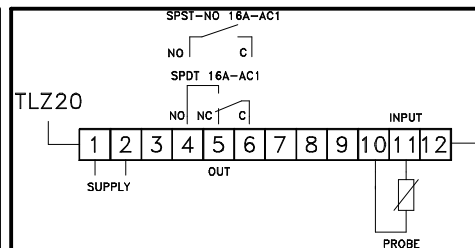
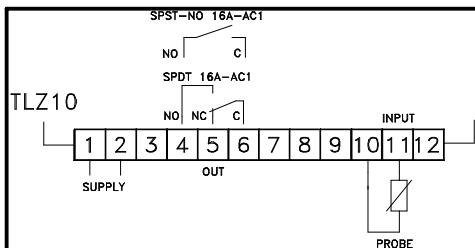
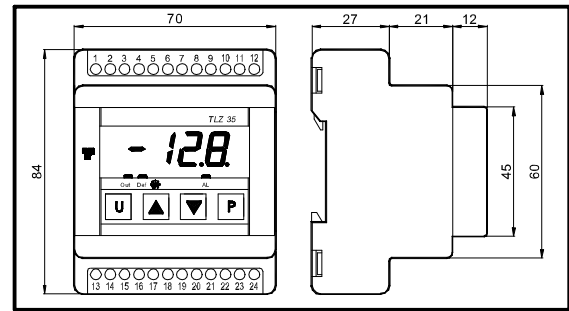
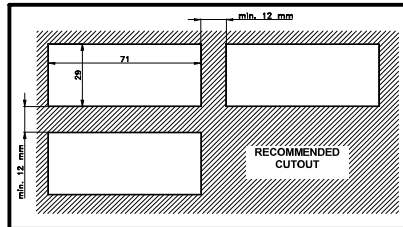
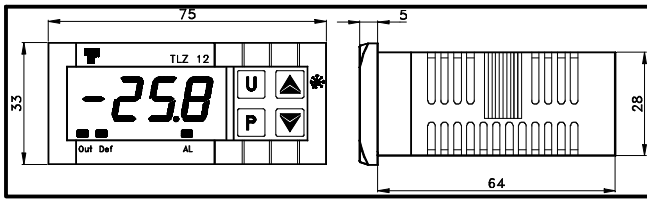


- 33x75 mm
- 4 Modules
- 100/240 VAC
- Relay 16 A

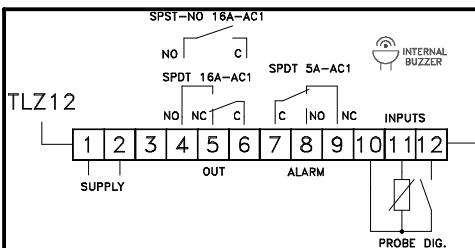
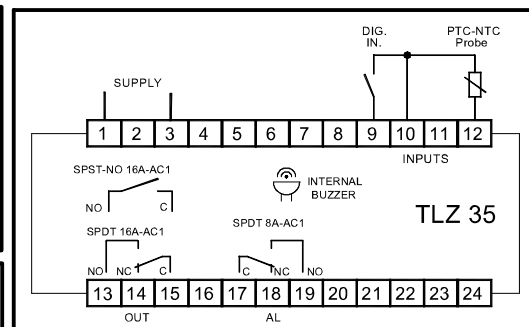
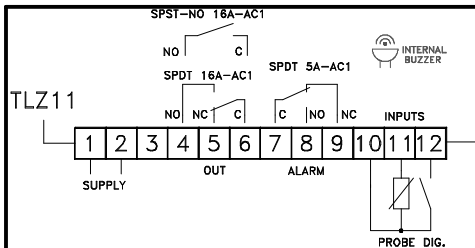


MECHANICAL CHARACTERISTICS					
Housing	Self-extinguishing plastic, UL 94 V0				
Dimensions	33x75 mm– depth 64 mm				70x84x60 mm 4 DIN Modules
Weight	115 g approx.				Approx. 150 g.
Connections	2,5 mm ² screw terminal block				
Mounting	Flush in panel in 29x71 mm hole				OMEGA DIN rail
Front panel protection	IP 65 mounted in panel with gasket				--
ELECTRICAL DATA					
Power supply	12, 24 VAC/DC, 100...240 VAC +/-10%				
AC Frequency	50 / 60 Hz				
Power consumption	Approx. 3 VA				
INPUT DATA					
Thermistors	Programmable input for PTC KTY 81-121 (990 Ω at 25°C) or NTC 103AT-2 (10 kΩ at 25°C)				
Digital input	--	1 for free voltage contact		--	1 for free voltage contact
OUTPUT DATA					
Relay	OUT1	1 relay SPST-NO or 1 relay SPDT 16A-AC1, 6A-AC3/ 250 VAC	1 relay SPST-NO 16A-AC1,6A-AC3/250 VAC or 1 relay SPDT 16A- AC1,6A-AC3/250 VAC	1 relay SPST-NO or 1 relay SPDT 16A-AC1, 6A-AC3/ 250 VAC	1 relay SPST-NO or 1 relay SPDT 16A-AC1, 6A-AC3/250 VAC
	OUT2	--	1 relay SPDT 5A-AC1,2A-AC3/250 VAC	--	1 relay SPDT 8A-AC1, 3A-AC3/250 VAC
Relay electric life	100000 operations for relay SPST-NO 16A and SPDT 8A 50000 operations for relay SPDT 16A				
FUNCTIONAL DATA					
Control mode	ON/OFF				
Overall accuracy	+/-0,5 % end scale				
Display resolution	1° or 0,1°				
Measuring range	PTC -50...+150°C NTC -50...+109°C				
Measuring unit	°C - °F, programmable				
Sampling rate	130 msec				
Display	4 red digit h=12 mm				
Defrost control	--	Hand-feed/Automatic with time interval cycles by stopping compressor			
Acoustic alarm	--	Internal Buzzer		--	Internal Buzzer
Programming mode	By keyboard or by using fast programming tool "KEY01"				
Parameters access	Protected by programmable password				
Operating temperature	0...50°C				
Operating humidity	30...95 RH% without condensation				

DIMENSIONS (mm)



CONNECTIONS



CODING

TLZ 10	33 x 75	
TLZ 20		
Description	Codes	Codes Description
Power Supply	F	12 V AC/DC
	L	24 V AC/DC
	H	100...240 VAC
Output OUT1	R	Relay SPST-NO 16A AC1
	S	Relay SPDT 16A AC1

TLZ 35	4 DIN Modules	
Description	Codes	Codes Description
Power Supply	F	12 V AC/DC
	L	24 V AC/DC
	H	100...240 VAC
Output OUT1	R	Relay SPST-NO 16A AC1
	S	Relay SPDT 16A AC1
Alarm Output	R	Relay SPDT 8A AC1
	-	None
Acoustic Alarm	B	Buzzer
	-	None

TLZ 11	33 x 75	
TLZ 12		
Description	Codes	Codes Description
Power Supply	F	12 V AC/DC
	L	24 V AC/DC
	H	100...240 VAC
Output OUT1	R	Relay SPST-NO 16A AC1
	S	Relay SPDT 16A AC1
Alarm Output	R	Relay SPDT 5A AC1
	-	None