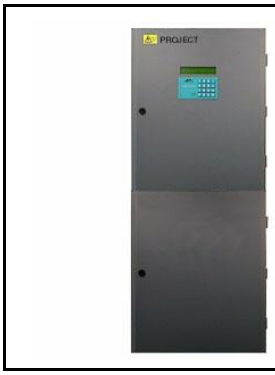
PROJECT central unit TDS10100



The PROJECT central unit is equipped with 40 analog 0-10V outputs, which are expandable to 120. There are standard 48 relay control outputs (for 6 x OUT08x module) which can be expanded up to 144 (18 x OUT08x module), plus 32 on AUTOBUS (4 x ref.TDS13500), which makes in total 176 relay outputs and 120 dimmer outputs.

There are 4 AUTOBUS connections for up to 4 x km AUTOBUS. These can each hold up to 25 interfaces, which is in total 100 interfaces or up to 800 push button inputs. There are maximum 32 analog sensors to be used.

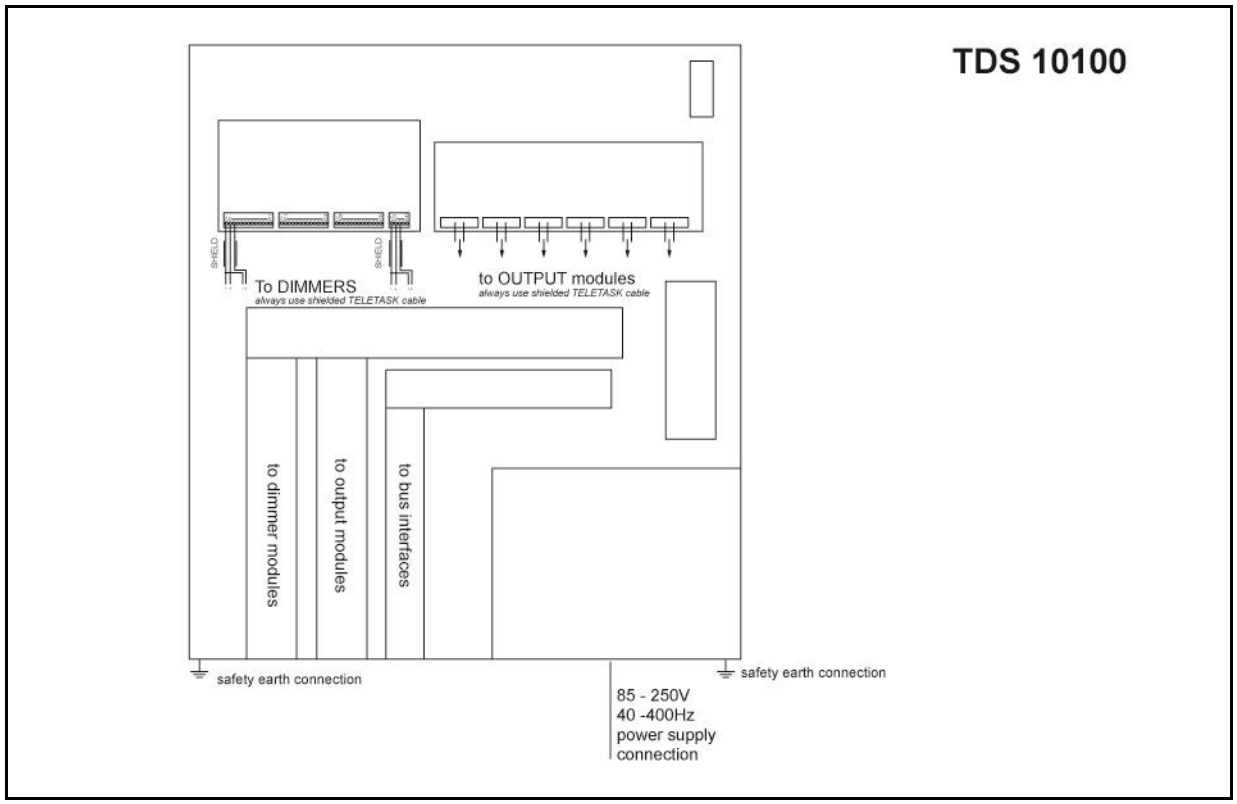
Application:		Domotics installations with up to 320 contact inputs, 120 relays outputs, 40 dimmer outputs and up to 16 sensors.
Characteristics:	Outputs	Standard 1output print, expendable till 3. 6x sub-D connector to be connected to 6 relay output modules OUT08x (expendable up to 18 relay output board TDS 10120 and/or AUTOBUS relay output modules TDS13500) 40 dimmer outputs 0-10V DC expendable up to 120 through dimmer extension board TDS10110. Maximum occupation: • relay outputs: 240 (= 30 modules) • motor outputs: 88 (= 22 modules) • dimmer outputs: 120 (=15 modules)
	Inputs:	4 AUTOBUS connections. On each AUTOBUS connections it is possible to connect 25 interfaces with a maximum up to 99 in total. Length AUTOBUS: max 1000m (150m without extra power supplies). 1 RS232-interface (9 pins).
	System limits*:	25 Transparent Functions. 70 Timed or Motion Detector Functions. 88 Motor Functions. 10 Fan Functions. 160 Local Moods. 10 Timed Local Moods. 20 General Moods. 36 Sensor Zones. 32 Audio Zones. 70 Clock Functions. 40 Process Functions. 50 Flags. 50 If-then-else Functions. 20 Messages and/or Alarms. 40 Conditions. 25 Chip Cards and/or Proximity Tags

		50 Rooms	
	Timer limits*:	Fan function:	max. 7200 sec.
		Timed function:	max. 7200 sec.
		Motor function:	max. 7200 sec.
		Timed Local Mood:	max. 7200 sec. per line
		Motion Detector:	max. 7200 sec.
	Power Supply	Maximum dissipated load: 130W Voltage: 100-250VAC Frequency: 50Hz / 60Hz	
Settings:	Programming:	Through the PROSOFT software. Remark: from PROSOFT V2.75 the menu structure on the PROJECT central unit is dramatically simplified. Only the “active interface test” and the “interface message test stays available without any password.	
	DIP switch	8 DIP-switches on the processor printed circuit board: Baud rate of the AUTOBUS and PC (bold=default): Switch 5, 6 and 7 : not used Switch 8 : must be ‘on’ ; is used to initialise RAM memory on power up (when ‘off’)	

AUTOBUS			PC	
Baudrate	Switch 1	Switch 2	Switch 3	Switch 4
1200	OFF	OFF	-	-
2400	ON	OFF	OFF	OFF
4800	OFF	ON	ON	OFF
9600	ON	ON	OFF	ON
19200	-	-	ON	ON

Installation:		To be mounted on a flat surface, with display on eye height.
Connections:	AUTOBUS	By AUTOBUS connector 1, 2, 3 and 4 to the right.
	Relay outputs:	External relay modules are to be connected to the PROJECT central unit, by means of the adapted cable or on the AUTOBUS
	Dimmer outputs:	Through screw connectors Max. cable length between dimmer 0-10V control output and the dimmer is 25m
	RS 232:	9-pole sub-D connector.
	Power supply:	by included power cord
	Earthing:	Always connect the screws below outside the housing, with the central main earth connection (at least 4mm²).
Dimensions:	Dimensions	Width: 560; Height: 1320; Depth: 140 (in mm)
		25,8 kg

Schematic Drawing:



System Limits

PROSOFT V2.80

The capacity of the TELETASK central units depends on the type of central unit and the used PROSOFT software. This table offers an overview on the actual system limits.

Central Unit	MICROS	COMPACT	PROJECT
Reference	TDS10010	TDS10040	TDS10100
Timer	30	40	70
Transparant	25	25	25
Fan	10	10	10
Process	20	30	40
Motor	32	56	88
Local Moods	100	130	160
Timed Local Moods	10	10	10
General Moods	20	20	20
Flags	40	45	50
If-Then-Else	30	40	50
Conditions	30	35	40
Messages and Alarms	50	50	**20 !!!**
Sensor Zones	18	24	36
Audio Zones	10	16	32
Clock Actions	50	100	**70 !!!**
Chip Cards and Tags	50	50	**25 !!!**
Rooms	50	50	50
Relais (independent internal, external or on bus interface)	96	120	240
Motor Interfaces	8 (= 32 motors)	14 (=56 motors)	22 (= 88 motors)
Dimmers	24	56	120
“I” Interfaces	30 (op address 6-35)	50	99