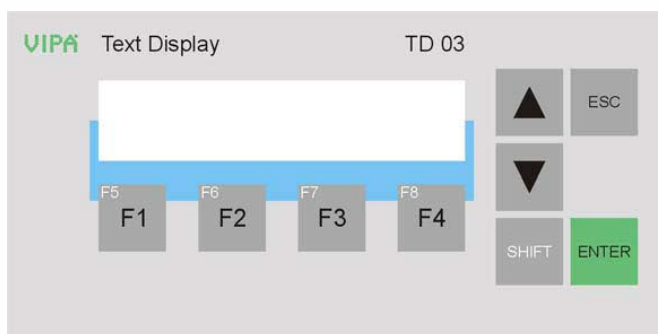




VIPA Monitor and Control TD 03 – OP 03 – CC 03

VIPA
Gesellschaft für Visualisierung
und Prozessautomatisierung mbH

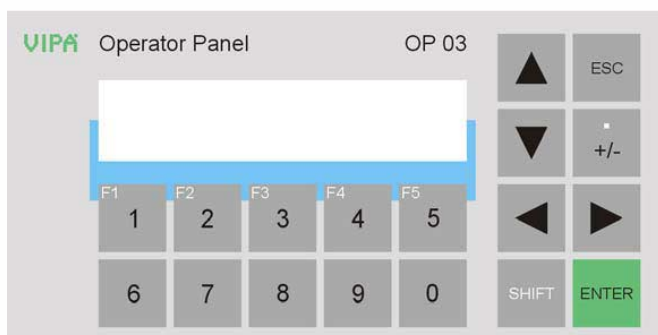
Ohmstr. 4
91074 Herzogenaurach
Germany
Tel.: +49-9132-744-0
Fax: +49-9132-744-144
www.vipa.de
info@vipa.de



TD 03 – Text display

The compact VIPA text display TD 03 shows defined messages via a back lighted LC display. In- and outputs as well as process parameters may be set and altered via the foil keys.

The configuration of the messages and the parameter block happens with the TD-Wizard from VIPA. The menu is chooseable in German or English. The text display is used for VIPA CPUs 11x, 21x, 31x, 51x as well as for S7-300/400 CPUs from Siemens.



OP 03 – Operator Panel

The Operator Panel VIPA OP 03 is ideal for control and monitoring of small applications – together with the VIPA CPUs 11x, 21x, 31x, 51x and the S7-300/400 CPUs from Siemens. Up to 7 OPs may be connected to one CPU and up to 2 CPUs at one OP via the MPI interface. For handling and processing of operating messages and data, 256kB user memory is available. The project engineering happens with OP-Manager from VIPA or ProTool from Siemens.



CC 03 – Commander Compact

The VIPA Commander Compact CC 03 extends the OP 03 with an integrated PLC-CPU, programmable with WinPLC7 from VIPA or STEP7 from Siemens. Besides of the 256kByte user memory of the OP, the CPU of the CC 03 has another 16kB program and 24kB load memory. There are 16 digital inputs and outputs on board. The CC 03 is expandable with up to four System 100V or System 200V modules (supported max. 160 digital In-/Outputs).

Technical Data	TD 03	OP 03	CC 03
Display Type Backlighting Rows x Characters Character height	Text, STN back lighted LED 2x20 5mm		
User memory Project	–	256kByte	256kByte
Keyboard Type System/function/ alphanumeric keys	5 / 8 / 0	Foil keyboard 8 / 5 / 10	8 / 5 / 10
CPU Work memory / Load memory Processing time Bit/Word (ms/k) Real-time clock Bit memory / Timer / Counter FBs / FCs / DBs PI inputs/outputs	–	–	16 / 24 kByte 0.25 / 1.2 yes 8192 / 256 / 256 1024 / 1024 / 2047 1024 / 1024
Interfaces Integrated Optional	MP ² I	MP ² I	MP ² I Profibus-DP slave 12MBaud, Address 1...125
In- / Outputs Number of digital inputs Potential separation Number of digital outputs Potential separation Output current per channel	–	–	16 x DI/DC 24V In groups of 8 16 DO/DC 24V In groups of 8 0,5A short circuit resistant
Electrical Data Supply voltage Current consumption Power consumption (DC 24V)	max. 85mA 3W	DC 24V (18...32V) max. 120mA 15W	max. 170mA 6W
Operating conditions Protection type Operating temperature Transport/Storage temperature Humidity (without condensation) Certifications	IP65 (Front) 0...+60°C -20...+70°C ≤ 85% CE		
Dimensions and Weight Width x Height x Depth Installation window Maximal wall thickness Weight	750g	172 x 88 x 32mm 154 x 78mm 5mm 750g	1kg
Ordering Data Order-Nr. with 16xDI / 16xDO with DP-Slave and 16xDI / 16xDO Periphery extension cable 0.5m Projecting software OP-Manager Projecting software OP-Manager Programming software WinPLC7	VIPA 603-1TD00 VIPA SW610	VIPA 603-1OP00 VIPA SW600	VIPA 603-1CC20 VIPA 603-2CC20 VIPA 660-1XY15 VIPA SW600 VIPA SW871