



The VIPA HMIs are universal text displays/operating panels for applications in VIPA Systems and other automation systems. This chapter also contains information about the CommanderCompact units from VIPA that offer PLC functions.



COMMANDER COMPACT



Fig.: 603-1CC20

CC 03

- For application with VIPA PLCs and the S7-300/400 from Siemens
- 2x20 characters
- Back-lighted text display
- MPI-Interface
- Integrated CPU, programmable with Step[®]7 from Siemens
- 16kB work memory/24kB load memory (CPU)
- Integrated digital inputs and outputs
- Expandable with digital and analog inputs and outputs
- Optionally integrated Profibus DP-Slave-Interface
- 256kB user memory for administration and handling of operating notifications and data
- Menu in 5 languages
- Parameterizable with ProTool, ProTool/Pro and VIPA OP-Manager
- 8 system keys/5 function keys/10 alphanumeric keys
- Robust zinc diecast box
- Simple set up via undetachable rocker arms
- Industrial protection IP65 (front side)
- Other front design on request

Models:

- 603-1CC20 CommanderCompact 2x20 characters display, integrated PLC-CPU, 16/24kB work/load memory, DI 16xDC 24V, DO 16xDC 24V, 1A on board, up to 4 SM o. EM I/Os via periphery expansion cable
- 603-2CC20 CommanderCompact 2x20 characters display, integrated SPS-CPU, 16/24kB work/load memory, DI 16xDC 24V, DO 16xDC 24V, 1A on board, Profibus DP-Slave, 12MBaud, address 1...125, up to 4 SM o. EM

Accessories for CC 03:

- HB160D Manual Touch Panel, German
 HB160E Manual Touch Panel, English
- 660-oKBoo Periphery expansion cable CC 03, 0,5m
- SW910 OP Manager for CC 03 and OP 03

OPERATOR PANEL

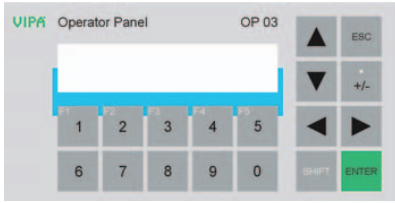


Fig.: 603-1OP00

OP 03

- For application with VIPA PLCs and the S7-300/400 from Siemens
- 2x20 characters
- Back-lighted text display
- MPI-Interface
- 256kB user memory for administration and handling of operating notifications and data
- Connection of up to two CPUs possible at an OP03
- Menu in 5 languages
- Parameterizable with ProTool, ProTool/Pro and VIPA OP-Manager
- 8 system keys/5 function keys/10 alphanumeric keys
- Robust zinc diecast box
- Simple set up via undetachable rocker arms
- Industrial protection IP65 (front side)
- Other front design on request

Models:

603-1OP00 Operator Panel
2x20 characters display,
256kB user memory,
4096 variables, for application at VIPA
CPUs with MP2I-Interface and with
STEP[®]7 programmable CPUs from
Siemens, incl. programming cable 2,5m

Accessories for OP 03:

HB160D	Manual Touch Panel, German
HB160E	Manual Touch Panel, English
670-oKB00	OP/AG-cable with PG-/diagnostic-port for VIPA CC 03, OP 03, TD 03, 2,5m
SW910	OP Manager for CC 03 and OP 03

TEXT DISPLAY

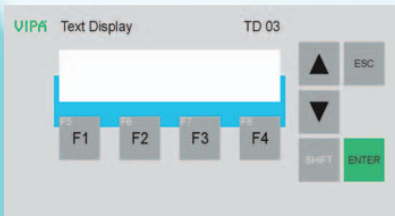


Fig.: 603-1TD00

TD 03

- For application with VIPA PLCs and the S7-300/400 from Siemens
- 2x20 characters
- Back-lighted text display
- MPI-Interface
- Including parameterization tool VIPA TD-Wizard
- 5 system keys/8 function keys
- Menu navigation in German and English
- Robust zinc diecast box
- Simple set up via undetachable rocker arms
- Industrial protection IP65 (front side)
- Other front design on request

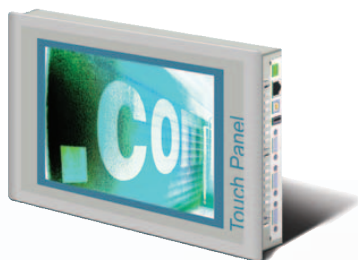
Models:

603-1TD00 Text Display
2x20 characters display - for the appli-
cation at VIPA CPUs with MPI-Interface
and with CPUs programmable with
STEP[®]7 from Siemens, incl. program-
ming cable 2,5 m and parameterizati-
on software TD-Wizard

Accessories for TD 03:

HB160D	Manual Touch Panel, German
HB160E	Manual Touch Panel, English
SW610	TD-Wizard for TD 03

TOUCH PANEL



Touch Panel

- About 6 MByte available user memory (on board)
- CF-Card II- and MMC-/SD-Card-Slot
- Horizontal or vertical display settable
- RS232, RS485, RS422, MPI, Profibus-DP-Slave, Ethernet, USB.A and USB.B on board (according to model)
- Alternatively with Windows CE 5.0 Professional, MoviconX or zenOn 6.20
- Robust aluminium diecast box
- Universal conception from 5,7" up to 10,4"
- Simple set up via undetachable rocker arms
- Industrial protection IP65 (front side)

Models:

- | | |
|-----------|---|
| 605-1BC00 | TP 605CQ with Windows CE 5.0 Professional |
| 605-1BC10 | TP 605CQ with Movicon Real Flexible |
| 605-1BC20 | TP 605CQ with zenOn 6.20 |
| 605-1BL00 | TP 605LQ with Windows CE 5.0 Professional |
| 605-1BL10 | TP 605LQ with Movicon Real Flexible |
| 605-1BL20 | TP 605LQ with zenOn 6.20 |
| 605-1BM00 | TP 605MQ with Windows CE 5.0 Professional |
| 605-1BM10 | TP 605MQ with Movicon Real Flexible |
| 605-1BM20 | TP 605MQ with zenOn 6.20 |
| 606-1BC00 | TP 606C with Windows CE 5.0 Professional |
| 606-1BC10 | TP 606C with Movicon Real Flexible |
| 606-1BC20 | TP 606C with zenOn 6.20 |
| 608-1BC00 | TP 608C with Windows CE 5.0 Professional |
| 608-1BC10 | TP 608C with Movicon Real Flexible |
| 608-1BC20 | TP 608C with zenOn 6.20 |
| 610-1BC00 | TP 610C with Windows CE 5.0 Professional |
| 610-1BC10 | TP 610C with Movicon Real Flexible |
| 610-1BC20 | TP 610C with zenOn 6.20 |

Operating system Windows CE 5.0 inclusive MoviconX® - Real Flexible!

- XML and Web Services technology
- Animated templates with appealing graphic functions
- Graphical interface with standardised XP-object library
- Recipe administration based on relational data bases
- Effective alarm management
- Historical event archive based on relational data bases
- SMS and E-Mail administration
- Historical and dynamic trends
- Conformity to FDA 21 CFR part 11
- Passwords with 1.024 user levels and 16 access areas
- Complete VBA support
- Data Logger via ADOCE
- Access to web server via web browser supporting Java
- Extensive driver library
- Comprehensive symbol library
- Importing function for STEP@7 from Siemens for Symbol-Data-Format (SDF)
- Multiterminal use
- Automatic reconnect
- Multilingual Editor, Runtime in any language
- Project planning independent from resolution
- Supported operating systems: Windows 2000/2003 Server/XP (Editor)
- Supported operating system: Windows CE 5.0 (Runtime)





Operating system Windows CE 5.0 inclusive zenOn 6.20

- Graphical intuitional display
- Conformity to FDA 21 CFR part 11
- Flexible extension of variables
- Effective production data acquisition with data analysis
- Comfortable storage of process data with trend line
- Recording of interference and production data with analysing possibility
- Remote administration for project planning and maintenance
- Circular redundancy
- Multiterminal use
- Multilingual - Editor 7 languages, Runtime in any language
- Project planning independent from resolution
- Comprehensive symbol library
- Variable transfer from third-party systems
- Event-driven data traffic
- Automatic reconnect and data synchronisation
- Time fixing per ms for alarms and history
- Password and user administration
- Extensive driver library

ACCESSORIES FOR HMIS



- PC/AG programming cable**
- MPI/PPI-RS232-Adapter, external voltages supply, 3m
 - MPI-USB-Adapter, 3m
 - MPI-TCP/IP-Adapter, 3m
 - MPI-cable with PG-/diagnostic port 2,5m



- Compact Flash for Touch Panels**
- 64MByte up to 1GByte



- SD Card for Touch Panels**
- 64MByte up to 1GByte

Accessories for HMIs:

- | | |
|-----------|--|
| HB160D | Manual Touch Panel, German |
| HB160E | Manual Touch Panel, English |
| 670-oKB10 | USB programming cable for MoviconX Real Flexible, 3,0m |
| 670-oKB20 | Ethernet programming cable for MoviconX Real Flexible/zenOn 6.20, 3,0m |
| SW920 | MoviconX-Editor for Windows CE 5.0 |
| SW930 | zenOn 6.20-Editor for Windows CE 5.0 |
| 574-2AD00 | CompactFlashMemoryCard with 64MByte for Touch Panels |
| 574-2AE00 | CompactFlashMemoryCard with 128MByte for Touch Panels |
| 574-2AF00 | CompactFlashMemoryCard with 256MByte for Touch Panels |
| 574-2AG00 | CompactFlashMemoryCard with 512MByte for Touch Panels |
| 574-2AH00 | CompactFlashMemoryCard with 1GByte for Touch Panels |
| 953-1SD00 | SecureDisk Memory Card 64MByte for Touch Panels |
| 953-1SE00 | SecureDisk Memory Card 128MByte for Touch Panels |
| 953-1SF00 | SecureDisk Memory Card 256MByte for Touch Panels |
| 953-1SG00 | SecureDisk Memory Card 512MByte for Touch Panels |
| 953-1SH00 | SecureDisk Memory Card 1GByte for Touch Panels |