

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SIMATIC HMI

6AV6642-0AA11-0AX1

TP 177MICRO TOUCH PANEL

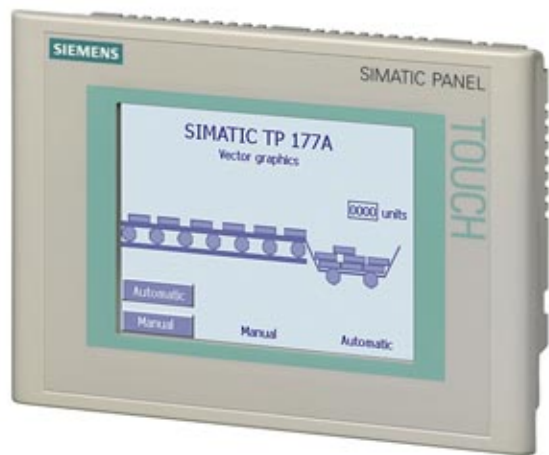
Used with the applicable SIMATIC HMI operator panels configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official product documentation



Display	
Screen diagonal	5.7 in
Resolution (pixels)	
• Horizontal image resolution	320
• Vertical image resolution	240
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h
Control elements	
Keyboard	
• Keys with LED	No
• System keys	No
• Numeric/alphabetical input	
— hexadecimal keyboard	Yes
— Multi-key operation	No
Touch operation	
• Design as touch screen	Yes

Input current	
Rated current	0.24 A
Inrush current A²s	0.5 A²·s
Power	
Power	6 W
Memory	
Usable memory for user data	512 kbyte
Type of output	
Info LED	No
Power LED	No
Error LED	No
Time of day	
Clock	
• Hardware clock (real-time clock)	No
• Software clock	Yes
• Battery-backed	No
• Synchronizable	No
Interfaces	
Number of RS 485 interfaces	1
• Transmission rate, max.	1.5 Mbit/s
Standards, approvals, certificates	
cULus	Yes
EAC (formerly Gost-R)	No
Suitable for safety functions	No
Marine approval	
• Germanischer Lloyd (GL)	Yes
• American Bureau of Shipping (ABS)	Yes
• Bureau Veritas (BV)	Yes
• Det Norske Veritas (DNV)	Yes
• Lloyds Register of Shipping (LRS)	Yes
• Nippon Kaiji Kyokai (Class NK)	Yes
• Polski Rejestr Statkow (PRS)	No
Use in hazardous areas	
• EX zone 2	Yes
• EX zone 22	Yes
• FM Class I Division 2	Yes