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Data sheet 6AV7882-0CB30-0CA0

SIMATIC IPC277E (Nanopanel PC); 12" Touch TFT; 2x 10/100/1000 Mbps Ethernet RJ45; 1x display port graphic; 1x USB 3.0; 3x USB 2.0; 1x serial (COM 1); CFast slot; 24 V DC power supply Celeron N2930 (4C/4T) 8 GB RAM; without operating system 240 GB SSD without SIMATIC software

General information	
Product type designation	IPC277E
Display	
Design of display	12" TFT touch
Screen diagonal	12 in
Resolution (pixels)	
● Horizontal image resolution	1 280 pixel
● Vertical image resolution	800 pixel
Backlighting	
● MTBF backlighting (at 25 °C)	80 000 h
Control elements	
Touch operation	
● Design as touch screen	Yes; analog, resistive
Installation type/mounting	
central design	Yes
Mounting in portrait format possible	Yes
Power loss	
In full configuration	32 W
Dimensions	
Width of the housing front	330 mm
Height of housing front	241 mm
Mounting cutout, width	310 mm
Mounting cutout, height	221 mm
Overall depth	73 mm
Weights	
Weight, approx.	2.75 kg
Classifications	

	Version	Classification
eClass	14	19-20-01-03
eClass	12	19-20-01-03
eClass	9.1	19-20-01-03
eClass	9	19-20-01-03
eClass	8	27-24-23-01
eClass	7.1	27-24-23-01
eClass	6	27-24-23-01
ETIM	10	EC001414
ETIM	9	EC001414
ETIM	8	EC001414
ETIM	7	EC001414

Approvals / Certificates

General Product Approval

CE EG-Konf. | Miscellaneous | UKCA | China RoHS | UL | KC

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General Product Approval	For use in hazardous locations

RCM EAC IECEx Declaration of Conformity CCC UL

For use in hazardous locations	Maritime application

ATEX IECEx Miscellaneous ABS BUREAU VERITAS DNV

Maritime application	Environment

LRS NK / Nippon Kaiji Kyokai RINA CCS (China Classification Society) EPD Siemens EcoTech

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