



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) 4 GB RAM; Windows 10 IoT Enterprise LTSC 2016, 64 bit, MUI (en,de,fr,it,es) 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																																				
mounting depth	73 mm																																				
Weights																																					
Weight, approx.	2.75 kg																																				
Classifications																																					
	<table border="1"> <thead> <tr> <th></th> <th>Version</th> <th>Classification</th> </tr> </thead> <tbody> <tr> <td>eClass</td> <td>14</td> <td>19-20-01-03</td> </tr> <tr> <td>eClass</td> <td>12</td> <td>19-20-01-03</td> </tr> <tr> <td>eClass</td> <td>9.1</td> <td>19-20-01-03</td> </tr> <tr> <td>eClass</td> <td>9</td> <td>19-20-01-03</td> </tr> <tr> <td>eClass</td> <td>8</td> <td>27-24-23-01</td> </tr> <tr> <td>eClass</td> <td>7.1</td> <td>27-24-23-01</td> </tr> <tr> <td>eClass</td> <td>6</td> <td>27-24-23-01</td> </tr> <tr> <td>ETIM</td> <td>10</td> <td>EC001414</td> </tr> <tr> <td>ETIM</td> <td>9</td> <td>EC001414</td> </tr> <tr> <td>ETIM</td> <td>8</td> <td>EC001414</td> </tr> <tr> <td>ETIM</td> <td>7</td> <td>EC001414</td> </tr> </tbody> </table>		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
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Approvals / Certificates	
General Product Approval	



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[Miscellaneous](#)



[China RoHS](#)

General Product Approval

Maritime application



Maritime application

Dangerous goods

[NK / Nippon Kaiji Kyokai](#)

[KR \(Korean Register of Shipping\)](#)

[Dangerous goods information](#)

[Test Summary Report UN 38.3](#)

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