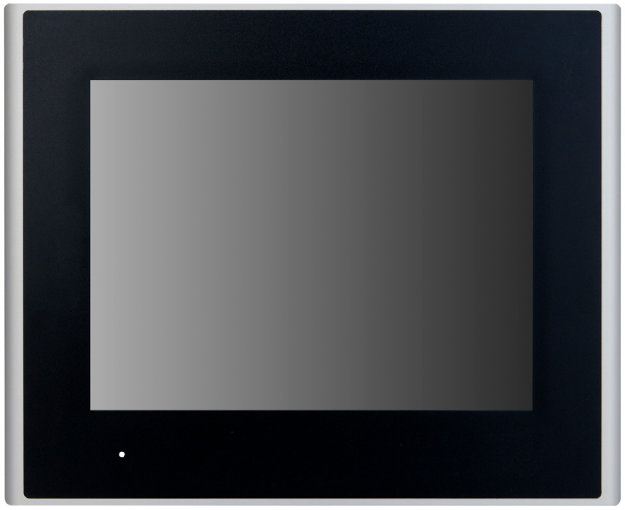
# 2800S150ESN1B

**Allen-Bradley Optix Standard 15-inch 4:3 800x600 Single Touch TrueFlat Brandless**

HUMAN MACHINE INTERFACE TERMINALS



| | |
|---|---|
| **Component type** | Graphic panel |
| **Range** | OptixPanel 2800 |
| **Model** | N/A |
| **Product status** | Existing |

Allen-Bradley 2800 OptixPanel terminals provide a closed-system operator interface that is easy to administer. They are available in a broad range of screen sizes, from a 21.5” widescreen model to a 4.3” unit. OptixPanel graphic terminals come with FactoryTalk® Optix™ and FactoryTalk® Remote Access™ software pre-installed, providing flexibility, scalability, and enhanced connectivity.

| | | |
|---|---|---|
| **ELECTRICAL** | **Voltage type of supply voltage** | DC |
| | **Number of pixels, horizontal** | 800 |
| | **Supply voltage DC** | 18-32 V |
| | **Number of pixels, vertical** | 600 |
| | **Touch technology** | Resistive touch |
| **COMMUNICATION** | **Remote access runtime** | Yes |
| | **Number of HW-interfaces industrial Ethernet** | 2 |
| | **Number of HW-interfaces USB** | 2 |
| **CONSTRUCTION** | **Screen diagonal** | 15 inch |
| | **Frame construction** | Aluminium |
| | **Labelled** | No |
| | **Degree of protection (IP), front side** | IP65 |
| | **Random access memory (RAM)** | 12 GB |
| **DIMENSIONS** | **Width of the front** | 391 mm |
| | **Height of the front** | 306 mm |
| | **Built-in depth** | 68.8 mm |
| **ENVIRONMENT** | **Operating temperature** | 0…50 °C |





Published on 01 October 2026

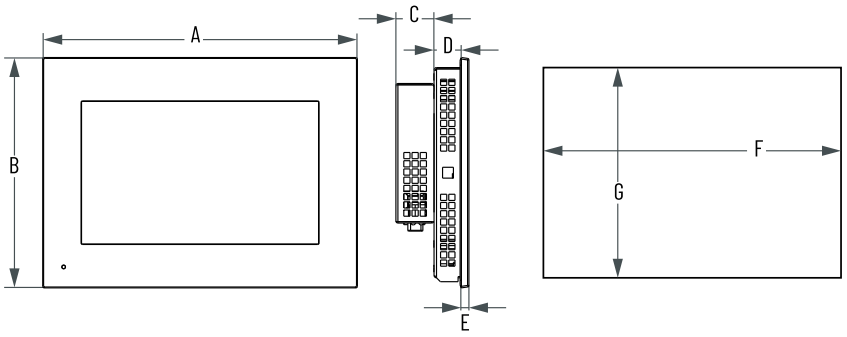
# 2800S150ESN1B

**Allen-Bradley Optix Standard 15-inch 4:3 800x600 Single Touch TrueFlat Brandless**

HUMAN MACHINE INTERFACE TERMINALS

## DIMENSIONAL DIAGRAM

Dimensions are in mm (inches). Dimensions are not intended to be used for manufacturing purposes.




| Display Size [in.] | Cat. No. | Format(1) | Aspect Ratio | Bezel Type | Dimensions [mm. (in.)](2) | | | | | Cutout [mm. (in.)] | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | A | B | C | D | E | F | |
| 15.0 | 2800S-150DS-N1S<br>2800S-150DS-N1B | S1 | 4:3 | Aluminum | 391.0 (15.39) | 306.0 (12.04) | 43.0 (1.69) | 18.8 (0.74) | 7.0 (0.27) | 380.0 (14.96) | 295 (11.61) |
| | 2800S-150ES-N1S<br>2800S-150ES-N1B | | | Aluminum True Flat | | | | | | | |
| 15.6 | 2800S-156DS-N1S<br>2800S-156DS-N1B | W1 | 16:9 | Aluminum | 401.5 (15.80) | 251.0 (9.88) | 43.0 (1.69) | 21.8 (0.85) | 5.0 (0.19) | 388.0 (15.27) | 237.5 (9.35) |
| | 2800S-156FM-N1S<br>2800S-156FM-N1B | W2 | | Aluminum Glass True Flat | | | | 22.3 (0.87) | 7.5 (0.29) | | |
| | 2800S-156XS-N1S<br>2800S-156XS-N1B | W1 | | Stainless Steel | 410.6 (16.16) | 260.1 (10.24) | | 23.6 (0.92) | 5.3 (0.20) | | 237.0 (9.33) |
| 18.5 | 2800S-185DS-N1S<br>2800S-185DS-N1B | W1 | 16:9 | Aluminum | 467.2 (18.39) | 288.0 (11.33) | 43.0 (1.69) | 19.8 (0.77) | 7.0 (0.27) | 453.0 (17.83) | 274.0 (10.78) |
| | 2800S-185FM-N1S<br>2800S-185FM-N1B | W2 | | Aluminum Glass True Flat | | | | 20.3 (0.79) | 10.5 (0.41) | | |
| | 2800S-185XS-N1S<br>2800S-185XS-N1B | W1 | | Stainless Steel | 476.0 (18.74) | 296.8 (11.68) | | 21.6 (0.85) | 5.3 (0.20) | | |
| 21.5 | 2800S-215DS-N1S<br>2800S-215DS-N1B | W1 | 16:9 | Aluminum | 534.2 (21.03) | 325.6 (12.81) | 43.0 (1.69) | 19.8 (0.77) | 7.0 (0.27) | 520.0 (20.47) | 311.5 (12.26) |
| | 2800S-215FM-N1S<br>2800S-215FM-N1B | W2 | | Aluminum Glass True Flat | | | | 20.3 (0.79) | 10.5 (0.41) | | |
| | 2800S-215XS-N1S<br>2800S-215XS-N1B | W1 | | Stainless Steel | 543.5 (21.39) | 334.4 (13.16) | | 21.6 (0.85) | 5.3 (0.20) | | |

(1) S = standard;
W = widescreen;
1 = single touch;
2 = multi-touch.

(2) Dimensions are +0/1 mm (0.04 in.).



Published on 01 October 2026