

# 2800S156DSN1B

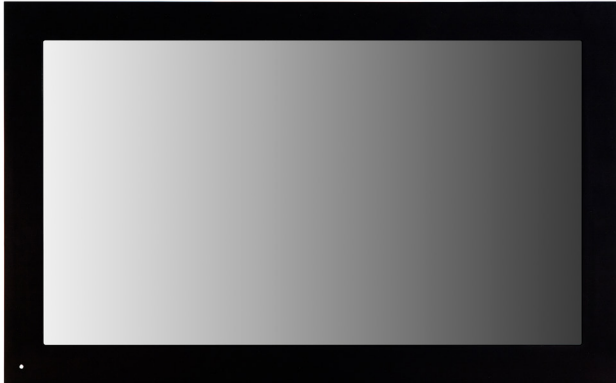
Allen-Bradley Optix Standard 16-inch Wide 16:9 1920x1080  
Single Touch Brandless



HUMAN MACHINE INTERFACE TERMINALS



**Allen-Bradley**



|                |                 |
|----------------|-----------------|
| 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   | 1920            |
| Supply voltage DC              | 18-32 V         |
| Number of pixels, vertical     | 1080            |
| 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                       | 15.6 inch |
| Frame construction                    | Aluminium |
| Labelled                              | No        |
| Degree of protection (IP), front side | IP65      |
| Random access memory (RAM)            | 12 GB     |

## DIMENSIONS

|                     |          |
|---------------------|----------|
| Width of the front  | 401.5 mm |
| Height of the front | 251 mm   |
| Built-in depth      | 69.8 mm  |

## ENVIRONMENT

|                       |           |
|-----------------------|-----------|
| Operating temperature | 0...50 °C |
|-----------------------|-----------|

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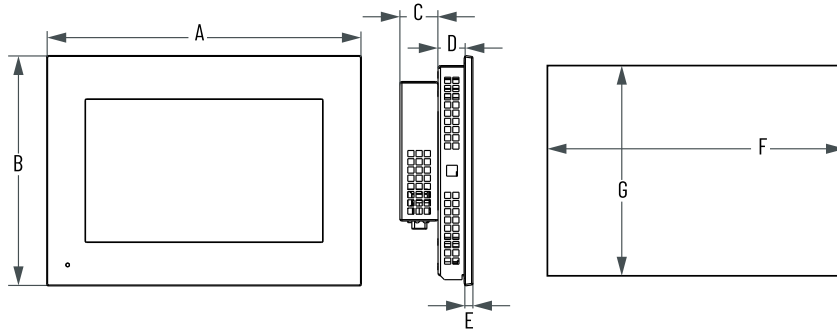
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## DIMENSIONAL DIAGRAM

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



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

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

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