2800S156FMN1S

Allen-Bradley Optix Standard 15-inch 16:9 Wide 1920x1080 Multi Touch PCAP

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	1920
	Supply voltage DC	18-32 V
	Number of pixels, vertical	1080
	Touch technology	Capacitive multitouch
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/glass
	Labelled	Yes
	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	72.8 mm
ENVIRONMENT	**Operating temperature**	0…50 °C

Published on 01 October 2026

2800S156FMN1S

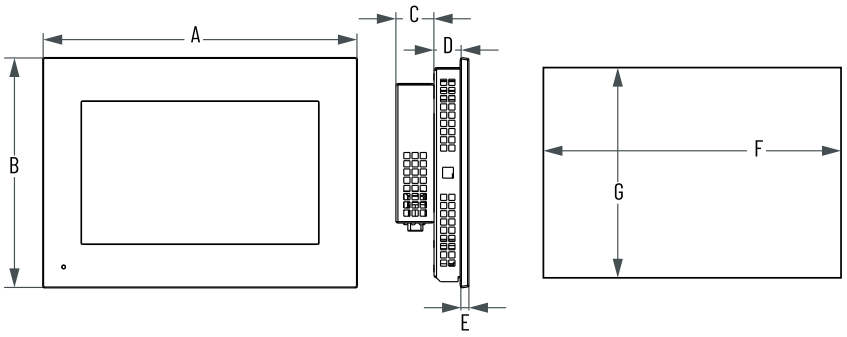
Allen-Bradley Optix Standard 15-inch 16:9 Wide 1920x1080 Multi Touch PCAP

HUMAN MACHINE INTERFACE TERMINALS

Allen-Bradley

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 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 2800S-150ES-N1B			Aluminum True Flat							
15.6	2800S-156DS-N1S 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 2800S-156FM-N1B	W2		Aluminum Glass True Flat				22.3 (0.87)	7.5 (0.29)		
	2800S-156XS-N1S 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 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 2800S-185FM-N1B	W2		Aluminum Glass True Flat				20.3 (0.79)	10.5 (0.41)		
	2800S-185XS-N1S 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 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 2800S-215FM-N1B	W2		Aluminum Glass True Flat				20.3 (0.79)	10.5 (0.41)		
	2800S-215XS-N1S 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