



OptixPanel Operator Panels Specifications

Bulletins 2800C, 2800S

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This publication provides technical specifications, environmental specifications, certifications, and dimensions for the Allen-Bradley® OptixPanel™ portfolio of operator panels.

Use this document with the Visualization Solutions Selection Guide, publication [VIEW-SG002](#), to make initial decisions about the operator panels for visualization products that are best suited for your system requirements.

Terminology

OptixPanel products are configurable, with many possible valid catalog numbers. To aid in readability, we refer to devices by the first several characters only. For example, 2800C applies to all catalog numbers that begin with these characters (2800C-043AS-1S, and so on).

OptixPanel Comparison

Feature		OptixPanel Compact	OptixPanel Standard
HMI software		FactoryTalk Optix™ runtime - S license (can be upgraded to M)	FactoryTalk® Optix™ runtime - M
Remote assistance software		FactoryTalk Remote™ Access Basic (UBIQUITY compatible) (can be upgraded to Pro)	FactoryTalk® Remote Access™ Pro (UBIQUITY compatible)
Processor (soldered on-board)		i.MX 8M Mini	NXP® i.MX 8M Plus Quad ARM® Cortex® A53 1.6GHz • 64bit • integrated GPU
System memory RAM		1 GB	4 GB (LP-DDR4 module)
Storage expansion		-	1x MicroSD with external access
Interfaces	USB	1 x USB 2.0 (Type-A / host)	2 x USB 3.0 (Type-A / host)
	LAN	1 x Gigabit Ethernet (RJ45)	2 x Gigabit Ethernet (RJ45)
	Serial	1 x RS232/422/485 (DB9M) not isolated	1 x RS232/422/485 (DB9M) isolated
LED backlight TFT LCD	4:3	-	10.4 in. (800x600)
		-	12.1 in. (1024x768)
		-	15.0 in. (1024x768)
	Wide	4.3 in. W (480x272)	-
		7.0 in. W (800x480)	7.0 in. (800x480)
		-	10.1 in. (1280x800)
		-	12.1 in. (1280x800)
		-	15.6 in. (1920x1080)
		-	18.5 in. (1920x1080)
-	21.5 in. (1920x1080)		
Frontal panel types	(AF) Aluminum (Wide) with single touch Resistive touchscreen		(AF) Aluminum (4:3 and Wide) with single touch Resistive touchscreen
	(GL) Aluminum and glass true flat (Wide) with multi touch capacitive touchscreen		(GL) Aluminum and glass true flat (Wide) with multi touch capacitive touchscreen
			(AT) Aluminum true flat (4:3) with single touch Resistive touchscreen
			(SR) Stainless Steel IP69K (Wide) with single touch Resistive touchscreen
Protection grade		up to IP65	up to IP69K
Approvals	CE	Y	Y
	ATEX	N	Y
	UL	Y	Y
	UKCA	Y	Y
	KC	Y	Y
	RCM	Y	Y
	Morocco	Y	Y
	ODVA	Y	Y

Bezel Types

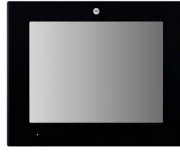
OptixPanel 2800C and 2800S Operator Panels display sizes and availability depend on device type and performance.

Bulletin 2800S bezels

Aluminum bezel with single touch resistive touchscreen (AF)



Sizes available
 7.0 in. W [5:3]
 10.1 in. W [16:10]
 12.1 in. W [16:10]
 15.6 in. W [16:9]
 18.5 in. W [16:9]
 21.5 in. W [16:9]



Sizes available
 10.4 in. S [4:3]
 12.1 in. S [4:3]
 15.0 in. S [4:3]

Stainless steel IP69K bezel with resistive touchscreen (SR)



Sizes available
 10.1 in. W [16:10]
 12.1 in. W [16:10]
 15.6 in. W [16:9]
 18.5 in. W [16:9]
 21.5 in. W [16:9]

Aluminum True Flat bezel with single touch resistive touchscreen (AT)



Sizes available
 10.4 in. S [4:3]
 12.1 in. S [4:3]
 15.0 in. S [4:3]

Aluminum and glass True Flat bezel with multi touch capacitive touchscreen (GL)



Sizes available
 7.0 in. W [5:3]
 10.1 in. W [16:10]
 12.1 in. W [16:10]
 15.6 in. W [16:9]
 18.5 in. W [16:9]
 21.5 in. W [16:9]

Bulletin 2800C bezels

Aluminum bezel with single touch resistive touchscreen (AF)



Sizes available
 4.3 in. W [16:9]
 7.0 in. W [5:3]

Aluminum and glass True Flat bezel with multi touch capacitive touchscreen (GL)



Sizes available
 4.3 in. W [16:9]
 7.0 in. W [5:3]

Catalog Number Explanation

Examples that are given in this section are not intended to be used for product selection. Not all combinations generate a valid catalog number. Use ProposalWorks™ software to configure the PC. ProposalWorks software is available from rok.auto/systemtools.

2800 c - 043 c M - 1 S
 a b c d e f

a		b		c		d		e		f	
Product Type ID		Display Size (in.)		Bezel Type		Touchscreen		Warranty		Branding	
Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
C	Compact	043	4.3 W	A	Aluminum (AF)	S	Single touch	1	Standard	S	Standard
		070	7.0 W	C	Aluminum and Glass TrueFlat (GL)	M	Multi Touch			B	Brandless

Specifications

Table 1 - Environmental Specifications

Attribute	Values		
Ambient Temperature	operating	0...50 °C (32...122 °F)	
	storage	-20...+60 °C (-4...+146 °F)	
	non operating	-25...+70 °C (-13...+158 °F)	
Operation/Storage relative humidity	20%...90% RH (non-condensing)		
Heat dissipation	4.3 in. Wide	6.8 W	23.19 BTU
	7.0 in. Wide	8.5 W	28.99 BTU
Max. Altitude, operating	2000 m (6562 ft)		
Vibration	10...57 Hz	0.012 pk-pk	
	57 ... 500 Hz	2g Peak	
Shock	operating	15 g at 11 ms	
	non operating	30 g at 11 ms	

Table 2 - Standards Compliance and Certifications

Certification	Value
cULus	cULus Listed Industrial Control Equipment for use in Ordinary Location per standards ANSI/UL 61010-1 and ANSI/UL 61010-2-201 for USA and CSA C22.2 NO. 61010-1, CSA C22.2 No. 61010-2-201 for Canada. Enclosure type ratings per ANSI/UL 50 and ANSI/UL 50E and CSA C22.2 No. 94.2-07. Enclosure ingress protection classified by UL per IEC 60529.
CE (EMC)	European Union 2014/30/EU EMC Directive, compliant with: EN 61326-1; Electrical equipment for measurement, control and laboratory use.
RCM	Australian Radio Communications Act, compliant with: EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements.
UKCA	2016 No. 1091 Electromagnetic Compatibility Regulations (EMC). 2012 No. 3032 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations (RoHS). EN 61326-1:2021 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements.
Morocco	Arrêté ministériel n° 6404-15 NM EN 61326-1
RoHS	China RoHS, Turkey RoHS, European RoHS, UKCA RoHS
KC	Registered under the Clause 3, Article 58-2 of Radio Waves Act.
ODVA	ODVA conformance

Table 3 - Display and Touch Screen Specifications

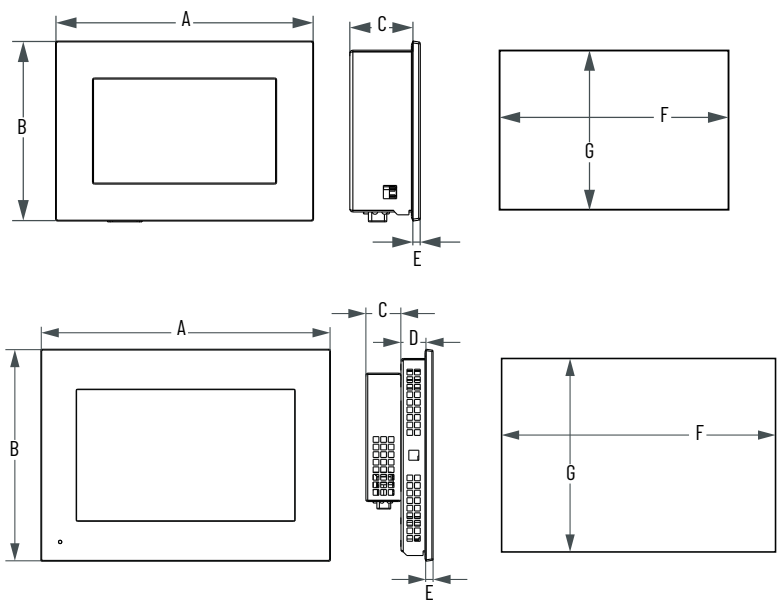
Attribute		Display Sizes, All Bezel Types	
		4.3 in. Wide	7.0 in. Wide
Display Type		LCD TFT	LCD TFT
Active area [mm (in.)]	(W)	95.04 (3.74)	152.4 (6.00)
	(L)	53.85 (2.12)	91.44 (3.60)
Resolution		WQVGA, 480x272	WVGA, 800x480
Colors		16 million	16 million
Pixel Pitch	(H)	0.198 (0.0077)	0.1905 (0.0075)
	(V)	0.198 (0.0077)	0.1905 (0.0075)
LED Backlight luminance		400 cd/m ²	400 cd/m ²
Viewing Angle [°] L:R/U:L (typical)		80:80/80:80	80:80/80:80
Contrast ratio		400:1	500:1
Response Time (Rise/Fall) ms		26	30
Backlight		LED	LED
LED life time min. (h)		50000	50000
Aspect Ratio		16:9	5:3

Table 4 - Technical Specifications

Attribute		OptixPanel Compact Operator Panel	
HMI software		FactoryTalk Optix™ runtime - S license (can be upgraded to M)	
Remote assistance software		FactoryTalk Remote™ Access Basic (UBIQUITY compatible)(can be upgraded to Pro)	
Operating system installed		Linux Yocto	
LED back-light TFT LCD		4.3 in. W 7.0 in. W	
Touchscreen		Resistive 4 wires (1 touch)	P-CAP Multitouch (10 touches)
Front Panel	Material	Aluminum (AF)	Aluminum and glass true flat (GL)
	Logo	Allen-Bradley or unbranded	
Protection grade IP	IP rating	IP 65 frontal - IP 20 rear	
	Type rating	UL Type 1, 4X (indoor only)	
Case	Installation	Panel mounting	
	Material	Zinc-coated skin pass steel	
Processor (soldered on-board)		i.MX 8M Mini	
System memory RAM		1 GB	
Mass storage		2.5 GB available for customer's application (eMMC p-SLC)	
Interfaces	LAN	1 x Gigabit Ethernet (RJ45)	
	USB	1 x USB 2.0 (Type-A / host)	
	Serial	1 x RS232/422/485 (DB9M) not isolated	
Power supply input	DC input	24V 0.4 A SELV	
	Voltage Range	18...32V	
Battery		1 x BR1225A Internal access	

Approximate Dimensions

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	G
4.3	2800C-043AS-1S	W1	16:9	Aluminum (AF)	136.2 (5.36)	95 (3.74)	33.2 (1.30)	-	4 (0.15)	129.5 (5.09)	88.5 (3.48)
	2800C-043AS-1B			Aluminum-glass True Flat (GL)							
	2800C-043CM-1S	W2		Aluminum-glass True Flat (GL)							
	2800C-043CM-1B			Aluminum-glass True Flat (GL)							
7.0	2800C-070AS-1S	W1	5:3	Aluminum (AF)	203 (7.99)	148.6 (5.82)	24.6 (0.96)	17.5 (0.68)	5 (0.19)	195 (7.67)	138.5 (5.45)
	2800C-070AS-1B			Aluminum-glass True Flat (GL)					4 (0.15)		
	2800C-070CM-1S	W2		Aluminum-glass True Flat (GL)							
	2800C-070AS-1B			Aluminum-glass True Flat (GL)							

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

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

Catalog Number Explanation

Examples that are given in this section are not intended to be used for product selection. Not all combinations generate a valid catalog number. Use ProposalWorks software to configure the PC. ProposalWorks software is available from rok.auto/systemtools.

2800 S - 070 D M - N 1 S
 a b c d e f g

a		b		c		d		e		f		g	
Product Type		Display Size (in.)		Bezel Type		Touchscreen		Expansions		Warranty		Branding	
Cod.	Description	Cod.	Description	Cod.	Description	Cod.	Description	Cod.	Description	Cod.	Description	Cod.	Description
S	Standard	070	7.0 W	D	Aluminium - EX (AF)	S	Single touch	N	None	1	Standard	S	Standard
		101	10.1	E	Aluminium TrueFlat - EX (AT)	M	Multi Touch					B	Brandless
		104	10.4	F	Aluminum and Glass TrueFlat - EX (GL)								
		120	12.1	X	Stainless steel IP69K (SR)								
		121	12.1 W										
		150	15.0										
		156	15.6 W										
		185	18.5 W										
		215	21.5 W										

Specifications

Table 5 - Environmental Specifications

Attribute		Values	
Ambient Temperature	operating	0...50 °C (32...122 °F)	
	storage	-20°...+60° C (-4°...+140° F)	
	non operating	-25...+70 °C (-13...158 °F)	
Operation/Storage relative humidity		20...90% RH (non-condensing)	
Heat dissipation	7.0 in. Wide	20.5 W	69.91 BTU
	10.1 in. Wide	22.5 W	76.73 BTU
	10.4 in.	21.0W	71.61 BTU
	12.1 in. Wide	26.6 W	90.70 BTU
	12.1 in.	28.0 W	95.48 BTU
	15.0 in.	26.5 W	90.37 BTU
	15.6 in. Wide	29.5 W	100.60 BTU
	18.5 in. Wide	38.0 W	129.58 BTU
	21.5 in. Wide	36.5 W	124.47 BTU
Max. Altitude, operating		2000 m (6562 ft)	
Vibration	10...57 Hz	0.012 pk-pk	
	57...500 Hz	2g Peak at 11 ms	
Shock	operating	15 g at 11 ms	
	non operating	30 g at 11 ms	

Table 6 - Standards Compliance and Certifications



Certification	Value	Cat. No. reference
cULus	cULus Listed Industrial Control Equipment for use in Ordinary Location per standards ANSI/UL 61010-1 and ANSI/UL 61010-2-201 for USA and CSA C22.2 NO. 61010-1, CSA C22.2 No. 61010-2-201 for Canada. Enclosure type ratings per ANSI/UL 50 and ANSI/UL 50E and CSA C22.2 No. 94.2-07. Enclosure ingress protection classified by UL per IEC 60529.	-
ATEX	 II 3D Ex tc IIC T 70°C Dc X II 3G Ex ec ic IIC T4 Gc X 0°C≤Tamb≤+50°C WARNING - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT WARNING - DO NOT OPEN WHEN ENERGIZED	2800S-xxx-D 2800S-xxx-E 2800S-xxx-X
	 II 3D Ex tc IIC T70°C Dc X II 3G Ex ec ic IIC T4 Gc X 0°C≤Tamb≤+50°C WARNING - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT WARNING - DO NOT OPEN WHEN ENERGIZED	2800S-xxx-F
CE (EMC)	European Union 2014/30/EU EMC Directive, compliant with: EN 61326-1; Electrical equipment for measurement, control and laboratory use.	-
RCM	Australian Radio Communications Act, compliant with: EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements.	-
UKCA	2016 No. 1091 Electromagnetic Compatibility Regulations (EMC). 2012 No. 3032 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations (RoHS). EN 61326-1:2021 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements.	-
Morocco	Arrêté ministériel n° 6404-15 NM EN 61326-1	-
RoHS	China RoHS, Turkey RoHS, European RoHS, UKCA RoHS	-
KCC	Registered under the Clause 3, Article 58-2 of Radio Waves Act.	-
ODVA	ODVA conformance	-

Table 7 - Display and Touch Screen Specifications

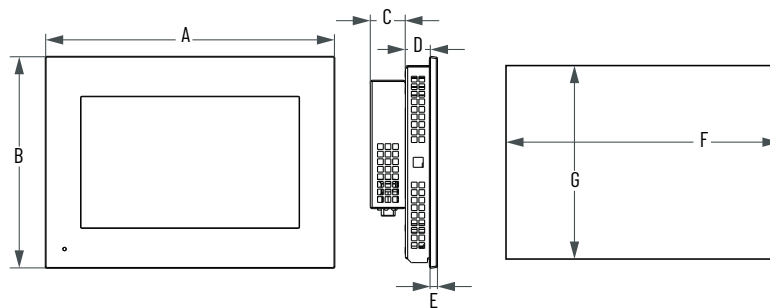
Attribute	Display Sizes, All Bezel Types									
	7.0 in. W	10.1 in. W	10.4 in. S	12.1 in. S	12.1 in. W	15.0 in. S	15.6 in. W	18.5 in. W	21.5 in. W	
Display Type	LCD TFT	LCD TFT	LCD TFT	LCD TFT	LCD TFT	LCD TFT	LCD TFT	LCD TFT	LCD TFT	
Active area [mm (in.)]	(W)	152.4 (6.0)	216.96 (8.54)	211.2 (8.31)	245.76 (9.67)	261.12 (10.28)	304.1 (11.97)	344.16 (13.54)	408.96 (16.10)	476.64 (18.76)
	(L)	91.44 (3.60)	135.60 (5.33)	148.4 (5.84)	184.32 (5.84)	163.2 (6.42)	228.1 (8.98)	193.59 (7.62)	230.04 (9.05)	268.11 (10.55)
Resolution	800x480 (WVGA)	1280 x 800 (WXGA)	800 x 600 (SVGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1080 (HD 1080)	1920 x 1080 (HD 1080)	1920 x 1080 (HD 1080)	
Colors	16.7 M	16.2 M	16.7 M	16.2 M	16.7 M	16.7 M	16.2 M	16.7 M	16.7 M	
Pixel Pitch (H/V) [mm (in.)]	(H)	0.1905 (0.0075)	0.1695 (0.0066)	0.264 (0.010)	0.240 (0.009)	0.204 (0.008)	0.297 (0.011)	0.17925 (0.00705)	0.213 (0.0083)	0.248 (0.0097)
	(V)	0.1905 (0.0075)	0.1695 (0.0066)	0.264 (0.010)	0.240 (0.009)	0.204 (0.008)	0.297 (0.011)	0.17925 (0.00705)	0.213 (0.0083)	0.248 (0.0097)
LED Backlight luminance (typ.)	500 cd/m ²	500 cd/m ²	400 cd/m ²	600 cd/m ²	400 cd/m ²	500 cd/m ²	450 cd/m ²	500 cd/m ²	300 cd/m ²	
Viewing Angle [°] L:R/U:L (typ.)	89:89/89:89	85:85/85:85	80:80/70:70	89:89/89:89	88:88/88:88	88:88/88:88	85:85/85:85	89:89/89:89	89:89/89:89	
Contrast ratio	800:1	800:1	700:1	1000:1	1000:1	2500:1	800:1	1000:1	5000:1	
Response Time (Rise/Fall) ms	25	25	16	25	27	23	25	20	25	
Backlight	LED	LED	LED	LED	LED	LED	LED	LED	LED	
LED life time min. (h)	50000	50000	50000	50000	50000	50000	50000	50000	50000	
Aspect Ratio	5:3	16:10	4:3	4:3	16:10	4:3	16:9	16:9	16:9	

Table 8 - Technical Specifications

Attribute		OptixPanel Standard Operator Panel			
HMI software		FactoryTalk Optix runtime - M license size (can be upgraded to L)			
Remote assistance software		FactoryTalk Remote Access PRO (UBIQUITY compatible)			
O.S. installed		Linux Yocto			
LED back-light TFT LCD		7.0 in. W 10.1 in. W 10.4 in. S 12.1 in. W 12.1 in. S 15.0 in. S 15.6 in. W 18.5 in. W 21.5 in. W	10.4 in. S 12.1 in. S 15.0 in. S	7.0 in. W 10.1 in. W 12.1 in. W 15.6 in. W 18.5 in. W 21.5 in. W	10.1 in. W 12.1 in. W 15.6 in. W 18.5 in. W 21.5 in. W
Touchscreen		Resistive 5 wires	Resistive 5 wires	P-CAP multitouch	Resistive 5 wires
Bezel design	Material	(AF) Aluminum	(AT) Aluminum True Flat	(GL) Aluminum and glass	(SR) Stainless Steel
	Logo	Allen-Bradley or brandless			
Protection grade IP	IP rating	IP 65 frontal			IP 69K frontal
	UL Type rating	UL Type 1, 4X (indoor only)			UL Type 1, 4X (indoor only), 12
Case	Installation	Panel mounting			
	Material	Zinc-coated skin pass steel			
Processor (soldered on-board)		i.MX 8M Plus			
System memory RAM		4GB			
Mass storage		~12GB available for customer's application (eMMC p-SLC)			
Storage expansion		1x MicroSD slot on board with external access (push-push)			
Interfaces	LAN	2x Gigabit Ethernet (RJ45)			
	USB	2x USB 3.0 (Type-A / host)			
	Serial	1x RS232/422/485 (DB9M) isolated			
Power supply input	DC input	24V 1.5A SELV			
	Voltage Range	18...32V			
Battery		1x CR2032 Internal access			

Approximate Dimensions

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	G
7.0	2800S-070DS-N1S 2800S-070DS-N1B	W1	5:3	Aluminum	207.0 (8.14)	150.6 (5.92)	54.1 (2.12)	-	5.0 (0.19)	197.0 (7.75)	141.5 (5.57)
	2800S-070FM-N1S 2800S-070FM-N1B	W2		Aluminum Glass True Flat			53.8 (2.11)		6.0 (0.23)		

10.1	2800S-101DS-N1S 2800S-101DS-N1B	W1	16:10	Aluminum	269.5 (10.61)	187.9 (7.39)	43.0 (1.69)	16.8 (0.66)	5.0 (0.19)	255.5 (10.05)	174.0 (6.85)
	2800S-101FM-N1S 2800S-101FM-N1B	W2		Aluminum Glass True Flat				17.3 (0.68)	6.5 (0.25)		
	2800S-101XS-N1S 2800S-101FM-N1B	W1		Stainless Steel				17.6 (0.69)	5.3 (0.20)		
10.4	2800S-104DS-N1S 2800S-104DS-N1B	S1	4:3	Aluminum	296.0 (11.65)	231.0 (9.09)	43.0 (1.69)	18.8 (0.74)	6.0 (0.23)	285.0 (11.22)	220.0 (8.66)
	2800S-104ES-N1S 2800S-104ES-N1B			Aluminum True Flat							
12.1	2800S-121DS-N1B 2800S-121DS-N1S	W1	16:10	Aluminum	315.0 (12.40)	217.0 (8.54)	43.0 (1.69)	19.8 (0.77)	5.0 (0.19)	301.0 (11.85)	203.0 (7.99)
	2800S-120DS-N1B 2800S-120DS-N1S	S1	4:3					Aluminum True Flat	326.0 (12.83)		
				2800S-120ES-N1S 2800S-120ES-N1B	W2	16:10		Aluminum Glass True Flat	315.0 (12.40)	217.0 (8.54)	20.3 (0.79)
	2800S-121XS-N1B 2800S-121XS-N1B	Stainless Steel	323.8 (12.74)	225.8 (8.88)				20.6 (0.81)	5.3 (0.20)		
	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)
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)		
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)		
21.5	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)		

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

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

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
OptixPanel Compact Installation Instructions, publication 2800C-IN001	Provides basic installation guidelines and instructions for OptixPanel systems.
OptixPanel Compact User Manual, publication 2800C-UM001	Provides details on how to install, configure, operate, and troubleshoot the OptixPanel operator panels.
OptixPanel Standard Installation Instructions, publication 2800S-IN001A	Provides information to install, connect, operate, and troubleshoot ASEM 2800S operator panels.
OptixPanel Standard User Manual, publication 2800S-UM001	Provides details on how to install, configure, operate, and troubleshoot the OptixPanel operator panels.
FactoryTalk Optix Help Center, website	FactoryTalk® Optix Help Center
EtherNet/IP Network Devices User Manual, ENET-UM006	Describes how to configure and use EtherNet/IP devices to communicate on the EtherNet/IP network.
Ethernet Reference Manual, ENET-RM002	Describes basic Ethernet concepts, infrastructure components, and infrastructure features.
System Security Design Guidelines Reference Manual, SECURE-RM001	Provides guidance on how to conduct security assessments, implement Rockwell Automation products in a secure system, harden the control system, manage user access, and dispose of equipment.
Industrial Components Preventive Maintenance, Enclosures, and Contact Ratings Specifications, publication IC-TD002	Provides a quick reference tool for Allen-Bradley industrial automation controls and assemblies.
Safety Guidelines for the Application, Installation, and Maintenance of Solid-state Control, publication SGI-1.1	Designed to harmonize with NEMA Standards Publication No. ICS 1.1-1987 and provides general guidelines for the application, installation, and maintenance of solid-state control in the form of individual devices or packaged assemblies incorporating solid-state components.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, rok.auto/certifications .	Provides declarations of conformity, certificates, and other certification details.

Rockwell Automation Support

Use these resources to access support information.

Technical Support Center	Find help with how-to videos, FAQs, chat, user forums, Knowledgebase, and product notification updates.	rok.auto/support
Local Technical Support Phone Numbers	Locate the telephone number for your country.	rok.auto/phonesupport
Technical Documentation Center	Quickly access and download technical specifications, installation instructions, and user manuals.	rok.auto/techdocs
Literature Library	Find installation instructions, manuals, brochures, and technical data publications.	rok.auto/literature
Product Compatibility and Download Center (PCDC)	Download firmware, associated files (such as AOP, EDS, and DTM), and access product release notes.	rok.auto/pcdc

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Rockwell Automation maintains current product environmental compliance information on its website at rok.auto/pec.

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Publication 2800-TD001A-EN-P - October 2023

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