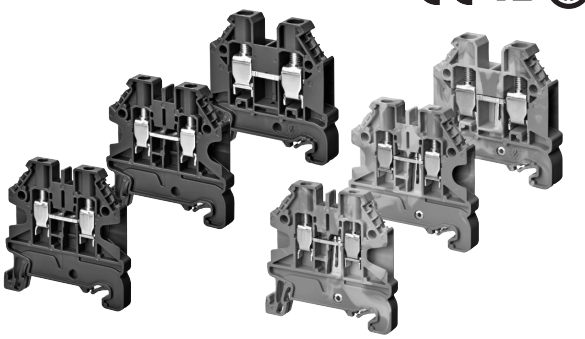
New Product

OMRON

DIN Track Terminal Blocks with Screw Terminals
XW5T-S

Global-standard DIN Terminal Blocks for Control Panels

- Wires held in with screws.
- Compatible with a wide range of wire sizes from 0.14 to 185 mm^2.
- Terminal Blocks with Fuses and Disconnect Terminal Blocks are available.



Refer to your OMRON website for the most recent information on models that are certified for standards.

⚠ Refer to *Safety Precautions* on page 14.

Model Number Legend

Feed Through Terminal Blocks

XW5T - S□-□-□□
(1) (2) (3) (4)

(1) Nominal Cross Section
2.5: 2.5mm^2
4.0: 4.0mm^2
6.0: 6.0mm^2
10: 10mm^2
16: 16mm^2
35: 35mm^2
70: 70mm^2
150: 150mm^2

(2) Wiring
1.1:1:1
1.2:1:2
2.2:2:2

Grounding Terminal Blocks

XW5G - S□-□-□
(1) (2) (3)

(3) Number of Tiers
1: 1 tier
2: 2 tiers

(4) Color
Blank: Dark gray
BL: Blue
V: Black (Vertical Connection)

Ordering Information

Product type	Applicable wire sizes	Applicable wire sizes with ferrules attached	Color	Wiring	Number of tiers	Model	Minimum order
Feed Through Terminal Blocks	0.14mm² - 4mm² AWG26-AWG12	0.5mm² - 2.5mm² AWG20-AWG14	Dark gray	1:1	1 tier	**XW5T-S2.5-1.1-1**	100
			Blue	1:1		**XW5T-S2.5-1.1-1BL**	100
			Dark gray	1:1	2 tiers	**XW5T-S2.5-1.1-2**	100
			Dark gray	1:1		**XW5T-S2.5-1.1-2V**	100
	0.14mm² - 6mm² AWG26-AWG10	0.5mm² - 4mm² AWG20-AWG12	Dark gray	1:1	1 tier	**XW5T-S4.0-1.1-1**	100
				1:2		**XW5T-S4.0-1.2-1**	100
				2:2		**XW5T-S4.0-2.2-1**	100
				1:1	2 tiers	**XW5T-S4.0-1.1-2**	100
				1:1		**XW5T-S4.0-1.1-2V**	100
			Blue	1:1	1 tier	**XW5T-S4.0-1.1-1BL**	100
				1:2		**XW5T-S4.0-1.2-1BL**	100
				2:2		**XW5T-S4.0-2.2-1BL**	100
	0.2mm² - 10mm² AWG24-AWG8	0.5mm² - 6mm² AWG20-AWG10	Dark gray	1:1	1 tier	**XW5T-S6.0-1.1-1**	100
			Blue	1:1	1 tier	**XW5T-S6.0-1.1-1BL**	100
	0.5mm² - 16mm² AWG20-AWG6	0.5mm² - 10mm² AWG20-AWG8	Dark gray	1:1	1 tier	**XW5T-S10-1.1-1**	50
			Blue	1:1	1 tier	**XW5T-S10-1.1-1BL**	50
	4mm² - 25mm² AWG12-AWG4	4mm² - 16mm² AWG12-AWG6	Dark gray	1:1	1 tier	**XW5T-S16-1.1-1**	50
			Blue	1:1	1 tier	**XW5T-S16-1.1-1BL**	50
	10mm² - 50mm² AWG10-AWG1/0	10mm² - 35mm² AWG10-AWG2	Dark gray	1:1	1 tier	**XW5T-S35-1.1-1**	20
			Blue	1:1	1 tier	**XW5T-S35-1.1-1BL**	20
	10mm² - 95mm² AWG6-AWG2/0	10mm² - 70mm² AWG6-AWG2/0	Dark gray	1:1	1 tier	**XW5T-S70-1.1-1**	20
			Blue	1:1	1 tier	**XW5T-S70-1.1-1BL**	20
	35mm² - 185mm² AWG2/0-350kcmil	35mm² - 150mm² AWG2/0-300kcmil	Dark gray	1:1	1 tier	**XW5T-S150-1.1-1**	10
			Blue	1:1	1 tier	**XW5T-S150-1.1-1BL**	10
Grounding Terminal Blocks	0.14mm² - 4mm² AWG26-AWG12	0.5mm² - 2.5mm² AWG20-AWG14	Green/yellow	1:1	1 tier	**XW5G-S2.5-1.1-1**	100
	0.14mm² - 6mm² AWG26-AWG10	0.5mm² - 4mm² AWG20-AWG12		1:1	1 tier	**XW5G-S4.0-1.1-1**	100
				1:2		**XW5G-S4.0-1.2-1**	100
				2:2		**XW5G-S4.0-2.2-1**	100
				1:1	2 tiers	**XW5G-S4.0-1.1-2**	100
	0.2mm² - 10mm² AWG24-AWG8	0.5mm² - 6mm² AWG20-AWG10		1:1	1 tier	**XW5G-S6.0-1.1-1**	100
	0.5mm² - 16mm² AWG20-AWG6	0.5mm² - 10mm² AWG20-AWG8		1:1	1 tier	**XW5G-S10-1.1-1**	50
	4mm² - 25mm² AWG12-AWG4	4mm² - 16mm² AWG12-AWG6		1:1	1 tier	**XW5G-S16-1.1-1**	50
	10mm² - 50mm² AWG10-AWG1/0	10mm² - 35mm² AWG24-AWG2		1:1	1 tier	**XW5G-S35-1.1-1**	20
	10mm² - 95mm² AWG6-AWG2/0	10mm² - 70mm² AWG6-AWG2/0		1:1	1 tier	**XW5G-S70-1.1-1**	20
Terminal Blocks with Fuses	0.5mm² - 4mm² AWG20-AWG12	0.14mm² - 2.5mm² AWG26-AWG14	Dark gray	1:1	1 tier	**XW5T-S4.0-FU5**	50
						XW5T-S4.0-FU6	50
Disconnect Terminal Blocks						**XW5T-S4.0-KD**	100

Accessories

Short Bars

For XW5□-S2.5-□

No. of poles	Color	Model	Minimum order
2	Yellow (YL)	**XW5S-S2.5-2**	10
3		**XW5S-S2.5-3**	10
4		**XW5S-S2.5-4**	10
5		**XW5S-S2.5-5**	10
10		**XW5S-S2.5-10**	20

For XW5□-S4.0-□

No. of poles	Color	Model	Minimum order
2	Yellow (YL)	**XW5S-S4.0-2**	10
3		**XW5S-S4.0-3**	10
4		**XW5S-S4.0-4**	10
5		**XW5S-S4.0-5**	10
10		**XW5S-S4.0-10**	20

For XW5□-S6.0-□

No. of poles	Color	Model	Minimum order
2	Yellow (YL)	**XW5S-S6.0-2**	10
3		**XW5S-S6.0-3**	10
4		**XW5S-S6.0-4**	10
5		**XW5S-S6.0-5**	10

For XW5□-S10-□

No. of poles	Color	Model	Minimum order
2	Yellow (YL)	**XW5S-S10-2**	10

For XW5□-S16-□

No. of poles	Color	Model	Minimum order
2	Yellow (YL)	**XW5S-S16-2**	10

Cross Connector with Screw

For XW5□-S2.5-1.1-2□

No. of poles	Color	Model	Minimum order
2	Yellow (YL)	**XW5S-S2.5-2N**	10
3		**XW5S-S2.5-3N**	10
4		**XW5S-S2.5-4N**	10
5		**XW5S-S2.5-5N**	10
10		**XW5S-S2.5-10N**	10

End Covers

Applicable Terminal Blocks	Model	Minimum order
XW5□-S2.5-1.1-□ XW5□-S4.0-1.1-□ XW5□-S6.0-1.1-□ XW5□-S10-1.1-□	**XW5E-S2.5**	10
XW5T-S16-1.1-□	**XW5E-S16**	10
XW5T-S4.0-KD XW5□-S4.0-1.2-1	**XW5E-S4.0-1.2-1**	10
XW5□-S4.0-2.2-1	**XW5E-S4.0-2.2-1**	10
XW5□-S4.0-1.1-2□	**XW5E-S4.0-1.1-2**	10
XW5T-S2.5-1.1-2□	**XW5E-S2.5N**	10

Separator Plates

Applicable Terminal Blocks	Model	Minimum order
XW5□-S2.5-1.1-□ XW5□-S4.0-1.1-□ XW5□-S6.0-1.1-□ XW5□-S10-1.1-□	**XW5Z-S2.5PT**	10

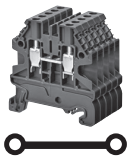
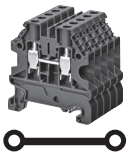
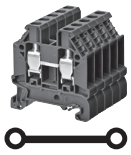
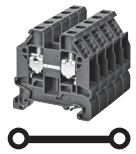
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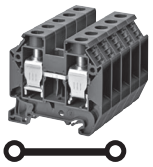
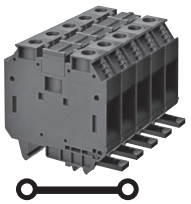
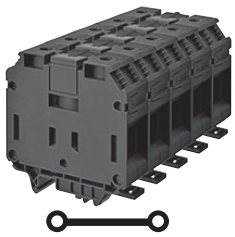
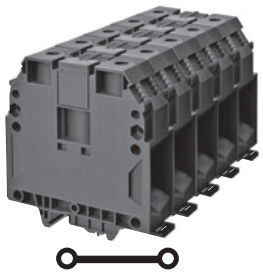
Applicable Terminal Blocks	Marking	Model	Minimum order
XW5□-S2.5-□	None	**XW5Z-S2.5LB**	25
	1-10	**XW5Z-S2.5LB-1-10**	25
	11-20	**XW5Z-S2.5LB-11-20**	25
	21-30	**XW5Z-S2.5LB-21-30**	25
	31-40	**XW5Z-S2.5LB-31-40**	25
	41-50	**XW5Z-S2.5LB-41-50**	25
	51-60	**XW5Z-S2.5LB-51-60**	25
	61-70	**XW5Z-S2.5LB-61-70**	25
	71-80	**XW5Z-S2.5LB-71-80**	25
	81-90	**XW5Z-S2.5LB-81-90**	25
	91-100	**XW5Z-S2.5LB-91-100**	25
	1-100	**XW5Z-S2.5LB-1-100**	1
XW5□-S4.0-□	None	**XW5Z-S4.0LB**	25
	1-10	**XW5Z-S4.0LB-1-10**	25
	11-20	**XW5Z-S4.0LB-11-20**	25
	21-30	**XW5Z-S4.0LB-21-30**	25
	31-40	**XW5Z-S4.0LB-31-40**	25
	41-50	**XW5Z-S4.0LB-41-50**	25
	51-60	**XW5Z-S4.0LB-51-60**	25
	61-70	**XW5Z-S4.0LB-61-70**	25
	71-80	**XW5Z-S4.0LB-71-80**	25
	81-90	**XW5Z-S4.0LB-81-90**	25
	91-100	**XW5Z-S4.0LB-91-100**	25
	1-100	**XW5Z-S4.0LB-1-100**	1
XW5□-S6.0-□	None	**XW5Z-S6.0LB**	25
	1-10	**XW5Z-S6.0LB-1-10**	25
	11-20	**XW5Z-S6.0LB-11-20**	25
	21-30	**XW5Z-S6.0LB-21-30**	25
	31-40	**XW5Z-S6.0LB-31-40**	25
	41-50	**XW5Z-S6.0LB-41-50**	25
	51-60	**XW5Z-S6.0LB-51-60**	25
	61-70	**XW5Z-S6.0LB-61-70**	25
	71-80	**XW5Z-S6.0LB-71-80**	25
	81-90	**XW5Z-S6.0LB-81-90**	25
	91-100	**XW5Z-S6.0LB-91-100**	25
	1-100	**XW5Z-S6.0LB-1-100**	1

XW5T-S

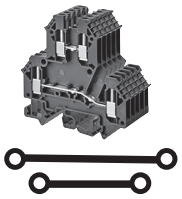
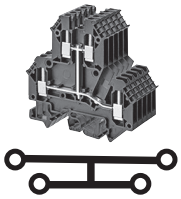
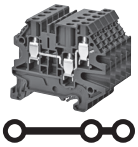
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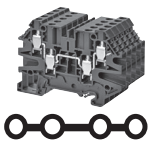
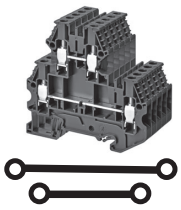
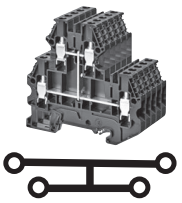
Feed Through Terminal Blocks

Appearance and Internal Wiring	1 tier, 1:1 	1 tier, 1:1 	1 tier, 1:1 	1 tier, 1:1 
Applicable wire sizes	0.14 to 4 mm^2 (Stranded wires: 0.14 to 4 mm^2, Solid wire: 0.14 to 4 mm^2)	0.14 to 6.0 mm^2 (Stranded wires: 0.14 to 6.0 mm^2, Solid wire: 0.14 to 6.0 mm^2)	0.2 to 10 mm^2 (Stranded wires: 0.2 to 10 mm^2, Solid wire: 0.2 to 10 mm^2)	0.5 to 16 mm^2 (Stranded wires: 0.5 to 16 mm^2, Solid wire: 0.5 to 16 mm^2)
Model	XW5T-S2.5-1.1-1(BL)	XW5T-S4.0-1.1-1(BL)	XW5T-S6.0-1.1-1(BL)	XW5T-S10-1.1-1(BL)
Dimensions (mm)	5×48.2×56	6×48.2×56	8×48.2×56	10×48.2×56.2
IEC rated voltage	1,000 V			
IEC rated current	24 A	32 A	41 A	57 A
UL rated voltage	600 V			
UL rated current	20 A	30 A	50 A	65 A
Rated impulse voltage	8 kV			
Operating temperature range	−40 to 55°C (with no icing or condensation)			
Operating humidity range	5% to 95%			
Compliant standards	UL, CSA			
	IEC60947-7-1			
End Covers	XW5E-S2.5			
Applicable label	XW5Z-S2.5LB□	XW5Z-S4.0LB□	XW5Z-S6.0LB□	---
Applicable Short Bars	XW5S-S2.5-□ (□: Poles = 2, 3, 4, 5, or 10)	XW5S-S4.0-□ (□: Poles = 2, 3, 4, 5, or 10)	XW5S-S6.0-□ (□: Poles = 2, 3, 4, or 5)	XW5S-S10-□ (□: Poles = 2)
Weight	Approx. 7 g	Approx. 9 g	Approx. 14 g	Approx. 16 g

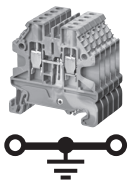
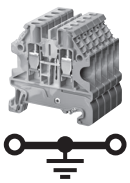
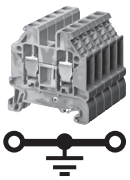
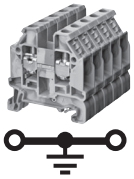
Appearance and Internal Wiring	1 tier, 1:1 	1 tier, 1:1 	1 tier, 1:1 	1 tier, 1:1 
Applicable wire sizes	1.5 to 25 mm^2 (Stranded wires: 16 to 25 mm^2, Solid wire: 1.5 to 16 mm^2)	10 to 35 mm^2 (Stranded wires: 10 to 35 mm^2, Solid wire: 10 mm^2)	10 to 70 mm^2 (Stranded wires: 16 to 95 mm^2)	35 to 150 mm^2 (Stranded wires: 35 to 150 mm^2)
Model	XW5T-S16-1.1-1(BL)	XW5T-S35-1.1-1(BL)	XW5T-S70-1.1-1(BL)	XW5T-S150-1.1-1(BL)
Dimensions (mm)	12×58.5×62	16×63×75.1	24×75.2×88.7	28×96×106.1
IEC rated voltage	1,000 V	800 V		1,000 V
IEC rated current	76 A	124 A	179 A	309 A
UL rated voltage	600 V			
UL rated current	85 A	150 A	175 A	335 A
Rated impulse voltage	8 kV			
Operating temperature range	−40 to 55°C (with no icing or condensation)			
Operating humidity range	5% to 95%			
Compliant standards	UL, CSA			
	IEC60947-7-1			
End Covers	XW5E-S16	---		
Applicable Short Bars	XW5S-S16-□ (□: Poles = 2)	---		
Weight	Approx. 36 g	Approx. 73 g	Approx. 172 g	Approx. 268 g

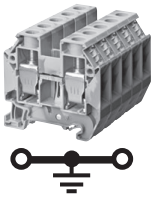
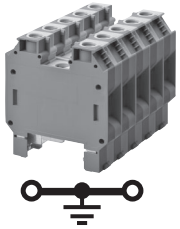
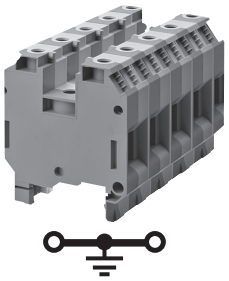
Feed Through Terminal Blocks

Appearance and Internal Wiring	2 tiers, 1:1 	2 tiers, 1:1 	1 tier, 1:2 
Applicable wire sizes	0.5 to 2.5 mm^2 (Stranded wires: 0.5 to 2.5 mm^2, Solid wire: 0.5 to 4 mm^2)	0.5 to 2.5 mm^2 (Stranded wires: 0.5 to 2.5 mm^2, Solid wire: 0.5 to 4 mm^2)	0.14 to 6.0 mm^2 (Stranded wires: 0.14 to 6 mm^2, Solid wire: 0.14 to 6 mm^2)
Model	XW5T-S2.5-1.1-2	XW5T-S2.5-1.1-2V	XW5T-S4.0-1.2-1(BL)
Dimensions (mm)	5×65.8×71.4		6×58×56
IEC rated voltage	500 V		
IEC rated current	24 A		32 A
UL rated voltage	600 V		300 V
UL rated current	20 A		30 A
Rated impulse voltage	8 kV		6 kV
Operating temperature range	−40 to 55°C (with no icing or condensation)		
Operating humidity range	5% to 95%		
Compliant standards	UL, CSA		
	IEC60947-7-1		
End Covers	XW5E-S2.5N		XW5E-S4.0-1.2-1
Applicable label	XW5Z-2.5LB□		XW5Z-4.0LB□
Applicable Short Bars	XW5S-S2.5-□N (□: Poles = 2, 3, 4, 5, or 10)		XW5S-S4-□ (□: Poles = 2, 3, 4, 5, or 10)
Weight	Approx. 12 g	Approx. 14 g	Approx. 13 g

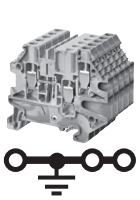
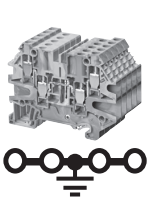
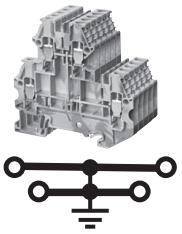
Appearance and Internal Wiring	1 tier, 2:2 	2 tiers, 1:1 	2 tiers, 1:1 
Applicable wire sizes	0.14 to 6.0 mm^2 (Stranded wires: 0.14 to 6 mm^2, Solid wire: 0.14 to 6 mm^2)	0.14 to 6.0 mm^2 (Stranded wires: 0.14 to 6 mm^2, Solid wire: 0.14 to 6 mm^2)	
Model	XW5T-S4.0-2.2-1(BL)	XW5T-S4.0-1.1-2	XW5T-S4.0-1.1-2V
Dimensions (mm)	6×69×58	6×73×75	
IEC rated voltage	500 V	800 V	
IEC rated current	32 A		
UL rated voltage	300 V		
UL rated current	30 A		
Rated impulse voltage	6 kV		8 kV
Operating temperature range	−40 to 55°C (with no icing or condensation)		
Operating humidity range	5% to 95%		
Compliant standards	UL, CSA		
	IEC60947-7-1		
End Covers	XW5E-S4.0-2.2-1	XW5E-S4.0-1.1-2	
Applicable label	XW5Z-4.0LB□		
Applicable Short Bars	XW5S-S4-□ (□: Poles = 2, 3, 4, 5, or 10)		
Weight	Approx. 16 g	Approx. 18 g	Approx. 19 g

Grounding Terminal Blocks

Appearance and Internal Wiring	1 tier, 1:1 	1 tier, 1:1 	1 tier, 1:1 	1 tier, 1:1 
Applicable wire sizes	0.14 to 4 mm^2 (Stranded wires: 0.14 to 4 mm^2, Solid wire: 0.14 to 4 mm^2)	0.14 to 6.0 mm^2 (Stranded wires: 0.14 to 6.0 mm^2, Solid wire: 0.14 to 6.0 mm^2)	0.2 to 10 mm^2 (Stranded wires: 0.2 to 10 mm^2, Solid wire: 0.2 to 10 mm^2)	0.5 to 16 mm^2 (Stranded wires: 0.5 to 16 mm^2, Solid wire: 0.5 to 16 mm^2)
Model	XW5G-S2.5-1.1-1	XW5G-S4.0-1.1-1	XW5G-S6.0-1.1-1	XW5G-S10-1.1-1
Dimensions (mm)	5×48.2×56	6×48.2×56	8×48.2×56	10×48.2×56.2
IEC rated voltage	600 V			1,000 V
UL rated voltage	600 V			
Rated impulse voltage	8 kV			
Operating temperature range	−40 to 55°C (with no icing or condensation)			
Operating humidity range	5% to 95%			
Compliant standards	UL			
	IEC60947-7-2			
End Covers	XW5E-S2.5			
Applicable label	XW5Z-S2.5LB□	XW5Z-S4.0LB□	XW5Z-S6.0LB□	---
Weight	Approx. 10 g	Approx. 12 g	Approx. 20 g	Approx. 22 g

Appearance and Internal Wiring	1 tier, 1:1 	1 tier, 1:1 	1 tier, 1:1 
Applicable wire sizes	1.5 to 25 mm^2 (Stranded wires: 16 to 25 mm^2, Solid wire: 1.5 to 16 mm^2)	10 to 35 mm^2 (Stranded wires: 10 to 35 mm^2, Solid wire: 10 to 50 mm^2)	10 to 70 mm^2 (Stranded wires: 10 to 70 mm^2, Solid wire: 16 to 95 mm^2)
Model	XW5G-S16-1.1-1	XW5G-S35-1.1-1	XW5G-S70-1.1-1
Dimensions (mm)	12×58.5×62	16×63×75.1	24×75.2×88.7
IEC rated voltage	1,000 V		
UL rated voltage	600 V		
Rated impulse voltage	8 kV		
Operating temperature range	−40 to 55°C (with no icing or condensation)		
Operating humidity range	5% to 95%		
Compliant standards	UL		
	IEC60947-7-2		
End Covers	XW5E-S16	---	
Weight	Approx. 47 g	Approx. 119 g	Approx. 233 g

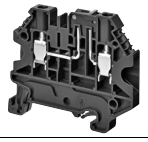
Grounding Terminal Blocks

	1 tier, 1:2	1 tier, 2:2	2 tiers, 1:1
Appearance and Internal Wiring			
Applicable wire sizes	0.14 to 6.0mm^2 (Stranded wires: 0.14 to 6 mm^2, Solid wire: 0.14 to 6 mm^2)	0.14 to 6.0 mm^2 (Stranded wires: 0.14 to 6 mm^2, Solid wire: 0.14 to 6 mm^2)	0.14 to 6.0 mm^2 (Stranded wires: 0.14 to 6 mm^2, Solid wire: 0.14 to 6 mm^2)
Model	XW5G-S4.0-1.2-1	XW5G-S4.0-2.2-1	XW5G-S4.0-1.1-2
Dimensions (mm)	6×58×56	6×69×58	6×73×75
IEC rated voltage	500 V		800 V
UL rated voltage	300 V		
Rated impulse voltage	6 kV		
Operating temperature range	−40 to 55°C (with no icing or condensation)		
Operating humidity range	5% to 95%		
Compliant standards	UL		
	IEC60947-7-2		
End Covers	XW5E-S4.0-1.2-1	XW5E-S4.0-2.2-1	XW5E-S4.0-1.1-2
Applicable label	XW5Z-4.0LB□		
Weight	Approx. 15 g	Approx. 19 g	Approx. 22 g

Terminal Blocks with Fuses

Model	XW5T-S4.0-FU5	XW5T-S4.0-FU6
Appearance and Internal Wiring		
Applicable wire sizes	0.5 to 6.0mm^2 (Stranded wires: 0.5 to 4.0 mm^2, Solid wire: 0.5 to 6.0 mm^2)	
Rated voltage	800 V	
Rated current	6.3 A	10 A
UL rated voltage	600 V	
UL rated current	6.3 A	10 A
Rated impulse voltage	8 kV	
Operating temperature range	−40 to 55°C	
Operating humidity range	5% to 95%	
Compliant standards	UL, CSA	
End Covers	---	
Applicable label	---	

Disconnect Terminal Blocks

Model	XW5T-S4.0-KD
Appearance and Internal Wiring	
Applicable wire sizes	0.14 to 6.0mm^2 (Stranded wires: 0.14 to 6.0 mm^2, Solid wire: 0.14 to 6.0 mm^2)
Rated voltage	500 V
Rated current	20 A
UL rated voltage	300 V
UL rated current	16 A
Rated impulse voltage	6 kV
Operating temperature range	−40 to 55°C
Operating humidity range	5% to 95%
Compliant standards	IEC60947-7-1, UL, CSA
End Covers	XW5E-S4.0-1.2-1
Applicable Short Bars	XW5S-S4.0-□
Applicable label	XW5Z-S4.0LB□

Short Bar

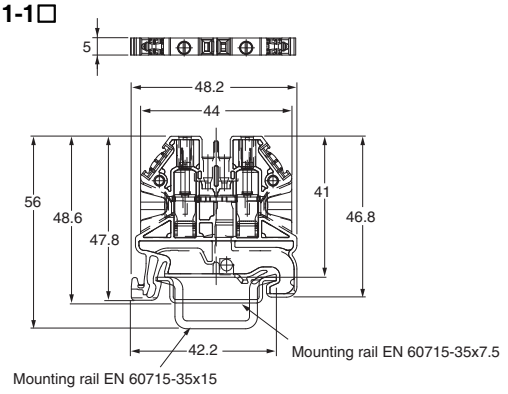
Model	**XW5S-S2.5-□**	**XW5S-S4.0-□**	**XW5S-S6.0-□**	**XW5S-S10-□**	**XW5S-S16-□**
IEC rated voltage	600 V			1,000 V	
IEC rated current	20 A	30 A	50 A	57 A	76 A
UL rated voltage	600 V				
UL rated current	20 A	30 A	50 A	65 A	85 A
Compliant standards	UL				
	IEC60947-7-1				

XW5T-S

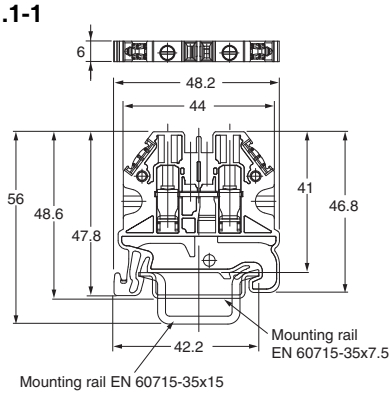
Dimensions

(Unit: mm)

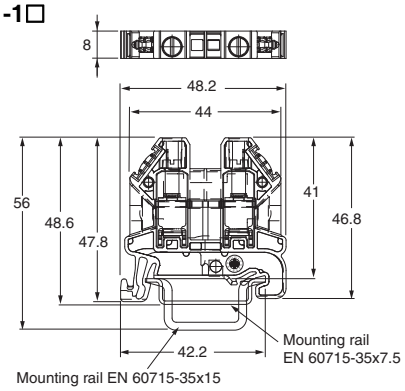
XW5□-□2.5-1.1-1□



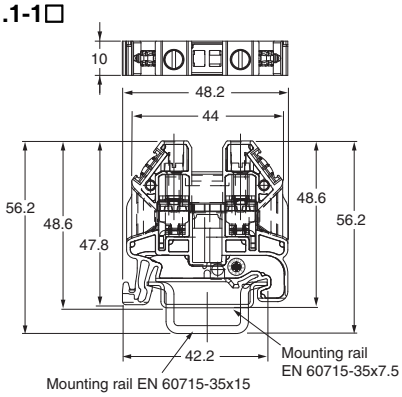
XW5□-S4.0-1.1-1



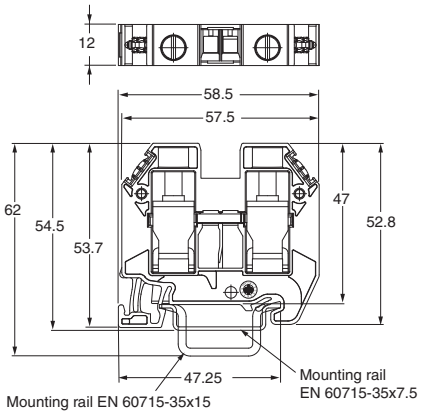
XW5□-S6.0-1.1-1□



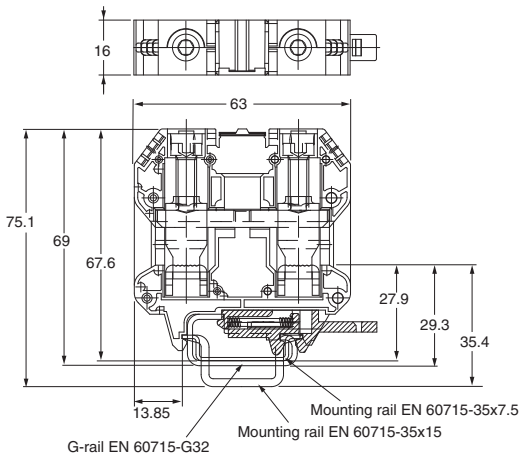
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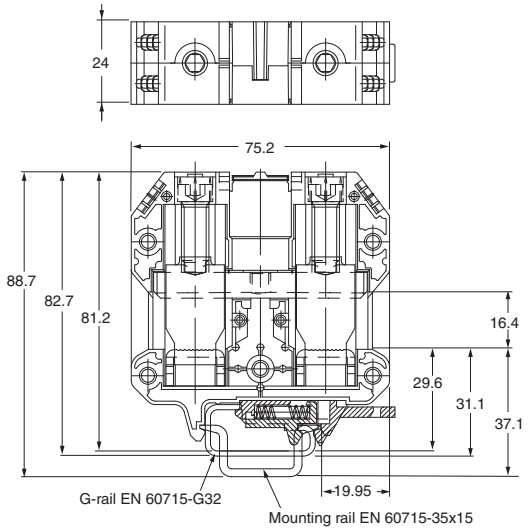
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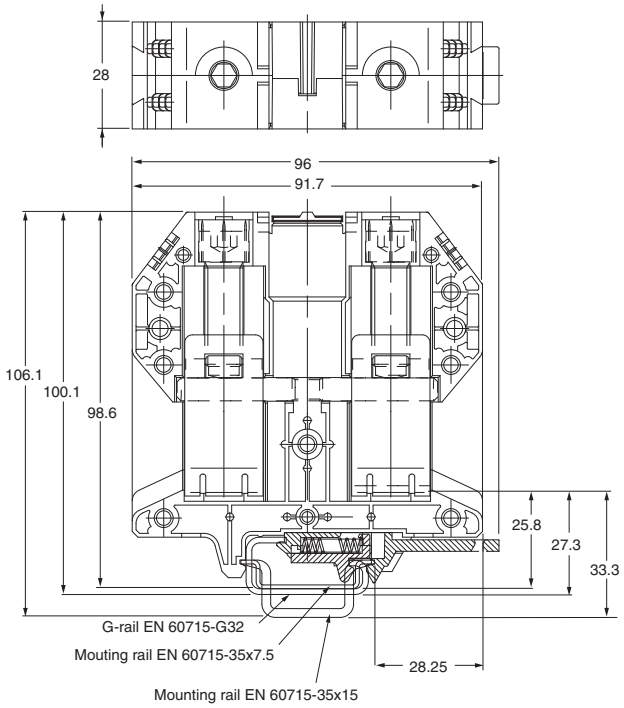
XW5□-S35-1.1-1□



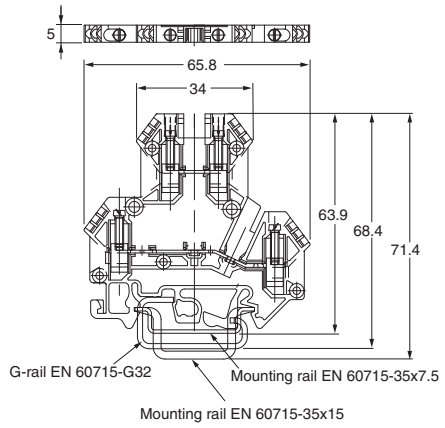
XW5□-S70-1.1-1□



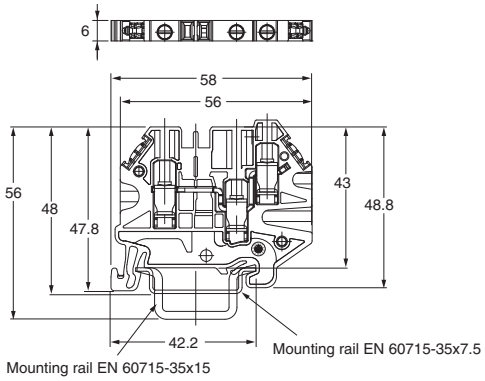
XW5□-S150-1.1-1□



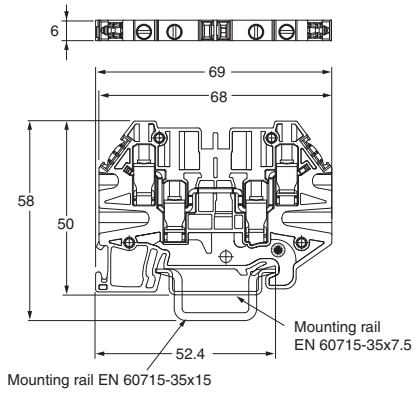
XW5□-S2.5-1.1-2□



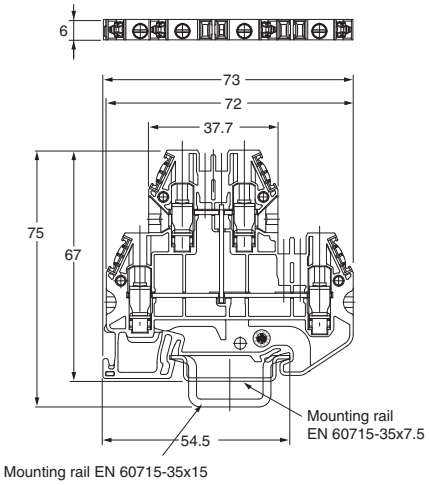
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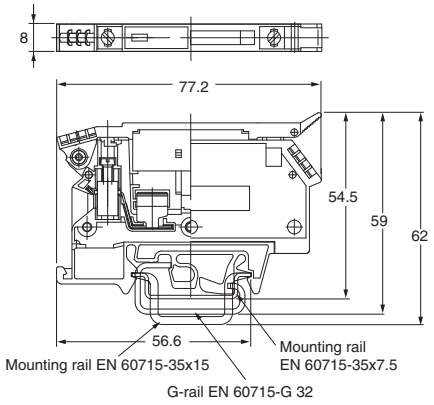
XW5□-S4.0-2.2-1



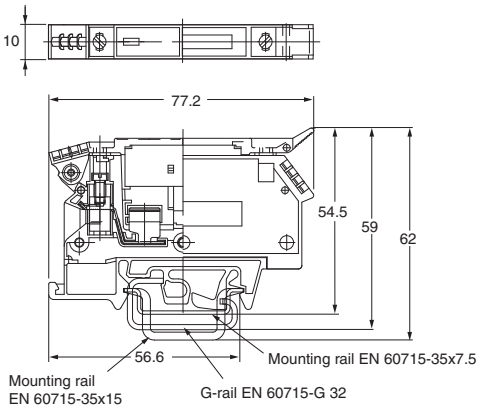
XW5□-S4.0-1.1-2□



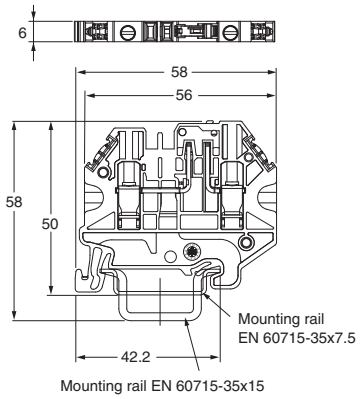
XW5T-S4.0-FU5



XW5T-S4.0-FU6

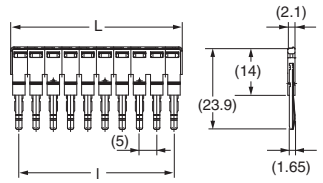


XW5T-S4.0-KD



Short Bars

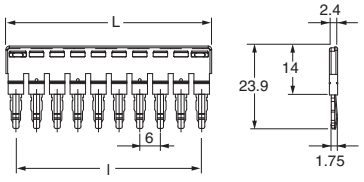
XW5S-S2.5-☐



For XW5☐-S2.5-☐

Model	l (mm)	L (mm)
XW5S-S2.5-2	5	10
XW5S-S2.5-3	10	15
XW5S-S2.5-4	15	20
XW5S-S2.5-5	20	25
XW5S-S2.5-10	45	50

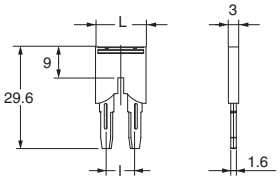
XW5S-S4.0-☐



For XW5☐-S4.0-☐

Model	l (mm)	L (mm)
XW5S-S4.0-2	6	12
XW5S-S4.0-3	12	18
XW5S-S4.0-4	18	24
XW5S-S4.0-5	24	30
XW5S-S4.0-10	54	60

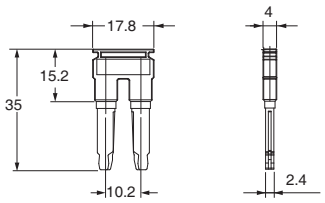
XW5S-S6.0-☐



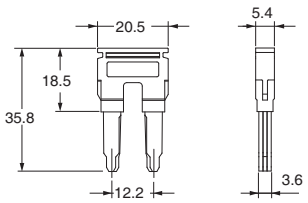
For XW5☐-S6.0-☐

Model	l (mm)	L (mm)
XW5S-S6.0-2	8.2	14.7
XW5S-S6.0-3	16.4	22.9
XW5S-S6.0-4	24.6	31.1
XW5S-S6.0-5	32.8	39.3

XW5S-S10-2

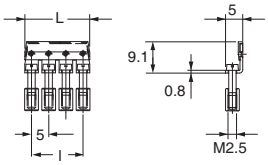


XW5S-S16-2



Cross Connector with Screw

XW5S-S2.5-☐N

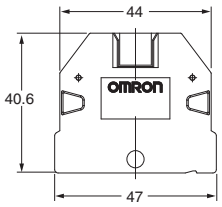


For XW5☐-S2.5-1.1-2☐

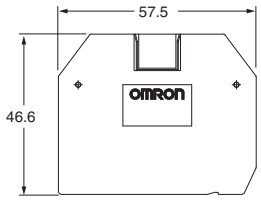
Model	l (mm)	L (mm)
XW5S-S2.5-2N	5	8.9
XW5S-S2.5-3N	10	13.9
XW5S-S2.5-4N	15	18.9
XW5S-S2.5-5N	20	23.9
XW5S-S2.5-10N	45	48.9

End Covers

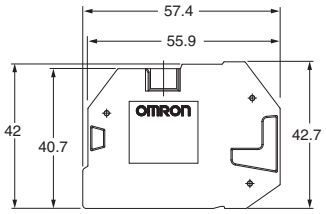
XW5E-S2.5



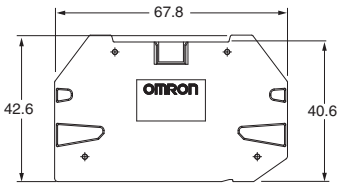
XW5E-S16



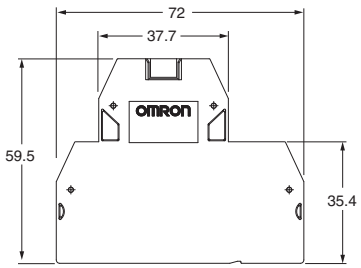
XW5E-S4.0-1.2-1



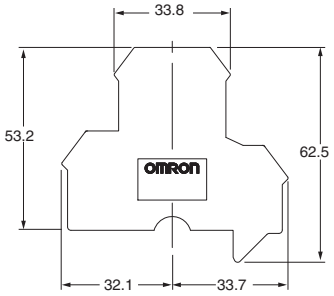
XW5E-S4.0-2.2-1



XW5E-S4.0-1.1-2

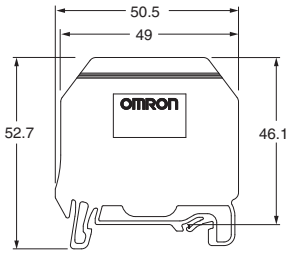


XW5E-S2.5N



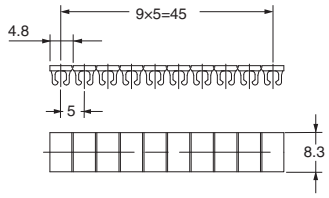
Separator Plates

XW5Z-S2.5PT

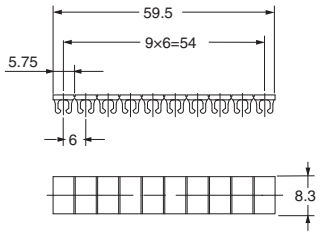


Label

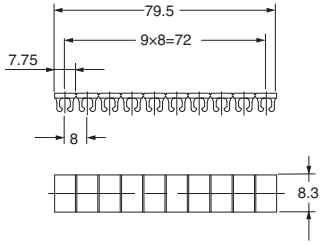
XW5Z-S2.5□



XW5Z-S4.0□



XW5Z-S6.0□



Safety Precautions

Be sure to read the precautions for all models in the website at the following URL: http://www.ia.omron.com/.

Signal Word Definitions

Precautions for Safe Use	**Supplementary comments on what to do or avoid doing, to use the product safely.**
Precautions for Correct Use	**Supplementary comments on what to do or avoid doing, to prevent failure to operate, malfunction, or undesirable effects on product performance.**

Precautions for Safe Use

- Do not bend a wire past its natural bending radius or pull on it with excessive force.
  Doing so may cause the wire disconnection.
- Do not insert more than one wire into each terminal insertion hole.
- Before you start wiring, make sure that the Terminal Block is securely attached and mounted to a DIN Track.
  If the Terminal Block is not stable, it may fall and possibly injure a worker.
- Do not install the Terminal Block upside down when mounting multiple Terminal Blocks.
  Doing so may cause short circuits with the adjacent Terminal Block.

Precautions for Correct Use

1. Precautions for Correct Use

- Do not drop the Terminal Block. Terminal Block functionality may be inhibited.
- Always attach End Cover. Not doing so may cause electrical shock.
- When you wire the Terminal Block, do not subject it or the wires to stress. Secure the wires so that they do not resonate with vibrations from the facilities in installation conditions.
- Always turn OFF the power supply before wiring. Electrical shock may occur.

2. Connecting Wires to the Terminal Block

Wiring

- Double-check all wiring before turning ON the power supply.
- After wiring, route the cable so that force is not applied directly to the connections.

Wires for Terminal Blocks

- Do not damage the cores when stripping the insulation from them.
- Always twist stranded wires together before connecting them.
- Do not presolder wires. It may not be possible to connect them or remove them.

Screw Tightening Torque and Applicable Wires

When you connect wires to a Terminal Block, use the applicable wires and tightening torque given in the following table.

Model	Wiring method	Tightening torque [N·m] (Use a flat-blade screwdriver.)	Applicable wire sizes	Applicable wire sizes with ferrules attached
XW5□-S2.5	M2.5	0.4	AWG26-AWG12	AWG20-AWG14
XW5□-S4.0	M3	0.5	AWG26-AWG10	AWG20-AWG12
XW5□-S6.0	M4	1.2	AWG24-AWG8	AWG20-AWG10
XW5□-S10	M4	1.2	AWG20-AWG6	AWG20-AWG8
XW5□-S16	M5	2	AWG12-AWG4	AWG12-AWG6
XW5□-S35	M6	2.5	AWG10-AWG1/0	AWG10-AWG2
XW5□-S70	M8	3.5	AWG6-AWG2/0	AWG6-AWG2/0
XW5□-S150	M10	4	AWG2/0-350kcmil	AWG2/0-300kcmil

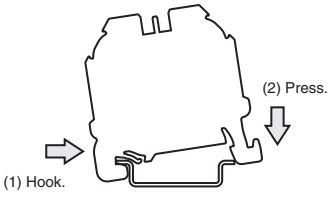
Wire Stripping Lengths

If you connect wires directly to the terminals, use the following stripping lengths.

Model	Stripping length [mm]
XW5□-S2.5	9
XW5□-S4.0	9
XW5□-S6.0	11
XW5□-S10	13
XW5□-S16	15
XW5□-S35	18
XW5□-S70	24
XW5□-S150	30

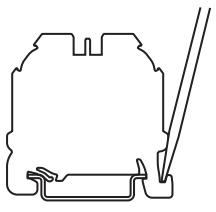
3. Mounting to and Removing from DIN Track

Mounting Procedure



1. Hook the Unit on the DIN Track.
2. Press the Unit onto the DIN Track to secure it.

Removal Procedure



1. Insert a flat-blade screwdriver into the DIN Track lock.
2. Move the screwdriver like a lever to free the lock.

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