

Ensto Clampo Compact Terminal Blocks

For Cu Conductors From 22 AWG to 2 AWG



Ensto Clampo Compact Terminal Blocks in Brief:

- For 22 AWG to 2 AWG copper conductors
- Used in controlling, instrumentation and automation applications
- Cost-effective solution
- Compact in size (ideal for installations with limited space)
- Include wire protection (to prevent damage to fine wire strands, while also preventing wires from entering too deeply into the terminal)
- Body of polyamide, heat resistance 221 °F
- Installation onto a DIN rail or directly onto surface
- Easy to mark (either by using marking tape or printing directly onto the terminal body)

Conformity	
Terminal blocks:	CE ^{RoHS} ^{Fi} ^{RU} ^{SP} EAC
Standards	
Terminal blocks:	EN 60947-7-1, UL 1059, CSA C22.2, No. 158-1987
Technical information	
Cross-section range:	Cu 22 - 2 AWG
Maximum current:	10 - 115 A
Maximum voltage:	150 - 600 V
Operating temperature:	Max. 221 °F (105 °C)
Material	
Housing:	Polyamide
Body:	Ni-coated brass
Mechanical features	
Screw head:	Slot head
Mounting:	Screws or DIN rail

Ensto Clampo Compact, Terminal Blocks

Product code (GTIN-13)	Number of poles	Wire type	AWG* 1 wire/terminal	Maximum voltage	Maximum current	Tightening torque	Screwdriver terminal screw	Mounting	Dimensions (W x L x H)	Weight lbs (kg)	Package size (pcs)
KR5031 6418677111402	3	Cu	14 - 22	150 V	10 A	4.4 lb-in (0.5 Nm)	Max. 3.5 mm slot	DIN rail/screw	1.0 x 0.9 x 0.7 In (26 x 22 x 18 mm)	0.015 (0.007)	200
KR5131 6418677111426	12	Cu	14 - 22	150 V	10 A	4.4 lb-in (0.5 Nm)	Max. 3.5 mm slot	DIN rail/screw	2.8 x 0.9 x 0.7 In (70.9 x 22 x 18 mm)	0.057 (0.026)	50
KR8031 6418677111778	3	Cu	8 - 18	150 V	50 A	7 lb-in (0.8 Nm)	Max. 5 mm slot	DIN rail/screw	1.2 x 0.9 x 0.9 In (31.4 x 22 x 22 mm)	0.033 (0.015)	200
KR8041 6418677111792	4	Cu	8 - 18	150 V	50 A	7 lb-in (0.8 Nm)	Max. 5 mm slot	DIN rail/screw	1.5 x 0.9 x 0.9 In (38.2 x 22 x 22 mm)	0.046 (0.021)	200
KR8121 6418677111822	12	Cu	8 - 18	150 V	50 A	7 lb-in (0.8 Nm)	Max. 5 mm slot	DIN rail/screw	3.6 x 0.9 x 0.9 In (90.8 x 22 x 22 mm)	0.132 (0.060)	100
KR10021 6418677111334	2	Cu	6 - 18	300 V	65 A	20 lb-in (2.25 Nm)	Max. 6.5 mm slot	DIN rail/screw	1.3 x 1.2 x 1.6 In (34 x 30.8 x 39.5 mm)	0.097 (0.044)	100
KR10031 6418677111358	3	Cu	6 - 18	300 V	65 A	20 lb-in (2.25 Nm)	Max. 6.5 mm slot	DIN rail/screw	1.8 x 1.2 x 1.6 In (45.3 x 30.6 x 39.5 mm)	0.143 (0.065)	100

Standard UL 1059, UL category XCFR2, File E1 92532.

* AWG = American Wire Gauge

Insulating material polyamide, flammability rating V-2 (UL94).



KR5131



KR8041



KR10031



KR10021

Accessories

Product code	Description	Weight lbs (kg)	Package size (pcs)	GTIN-13
KRL7	Adapter for 1.38 x 0.30 inch DIN rail mounting, gray	0.002 (0.001)	100	6418677112034
KNL7	Adapter for 1.38 x 0.59 inch DIN rail mounting, black	0.002 (0.001)	100	6418677193187
KRL8	End holder, fits both DIN 0.59 and 1.38 inch rails	0.007 (0.003)	100	6418677112041
PMR143	End plate for direct mounting	0.002 (0.001)	100	6418677112614
PMR370	Spacer plate, fits both DIN 0.59 and 1.38 inch rails	0.004 (0.002)	100	6418677112645
KRL6	Spacer plate for KR8121	0.004 (0.002)	100	6418677111952
PP44	DIN rail, 0.59 inch, steel , length = 7.87 inch	0.639 (0.290)	10	6418677112720



Adapter for 1.38 x 0.30 inch DIN rail mounting, KRL7.



End holder, fits both DIN 0.59 and 1.38 inch rails, KRL8.



End plate for direct mounting, PMR143.



Spacer plate, fits both DIN 0.59 and 1.38 inch rails, PMR370.

Terminal Blocks

For Conductors From 22 AWG to 6 AWG



Terminal Blocks in Brief:

- Eurostyle barrier strips
- May be used for flexible, stranded and solid conductors from 22 AWG to 6 AWG
- For use in various types of electrical equipment e.g.in the internal wiring of luminaire fittings
- Cost-efficient solution
- KB versions include wire-protection to prevent damage to fine wire strands, while also preventing wires from entering too deep into the terminal
- May be cut to any length from 2-12 poles
- Also available with stand-off feet to achieve longer creepage distances
- Versions available with NI plated brass screws

Customized Markings

- Terminal blocks can also be marked with desired markings. Markings are stamped on the “chimneys” or optionally on the body.

Conformity	
	CE RoHS FI EAC S&B RAL
Standards	
All terminal blocks:	EN 60998-1:2004 EN 60998-2-1:2004 UL 1059
Technical information	
Cross-section range:	Cu 22 AWG to 6 AWG
Maximum voltage:	300 – 600 V
Maximum current:	20 – 63 A
Operating temperature:	Max. 212 °F
Material	
Housing:	PA66 UL94 V2
Body:	NI plated brass
Screws:	Steel or NI plated brass

Product code* (.12)	Approval code	Range, Max. Current, Max. Voltage	Mounting hole (mm)	Terminal screw	Stand of feet	Package
KA/KB16.XX	1616UF	AWG 12-22, 20 A, 300V	2.8	M2.6		250
KA/KB17.XX	1616MF	AWG 12-22, 20 A, 600V	2.8	M2.6	X	250
KA/KB241.XX	241	AWG 10-22, 30 A, 300V	3.5	M3		250
KA/KB242.XX	242	AWG 10-22, 30 A, 600V	3.5	M3	X	250
KA/KB460.XX	460	AWG 8-20, 40 A, 300V	4.2	M3.5		250
KA/KB463.XX	463	AWG 8-20, 40 A, 600V	4.2	M3.5	X	250
KA/KB612.XX	612	AWG 6-14, 63 A, 600V	4.0	M5	X	100

*
KA = without wire protector
KB = with wire protector
.XX = number of poles 02-12