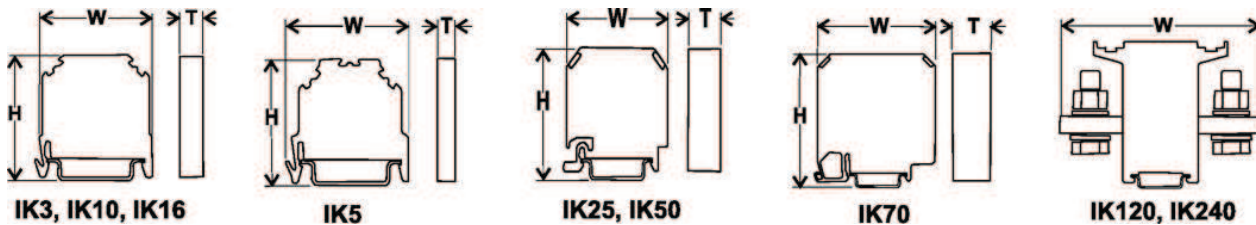
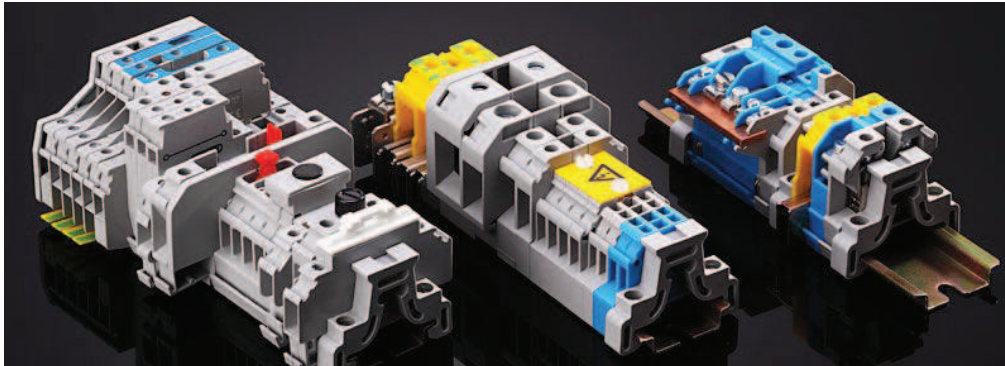


Quick Assembly DIN rail mount Terminal Blocks



IK3, IK10, IK16

IK5

IK25, IK50

IK70

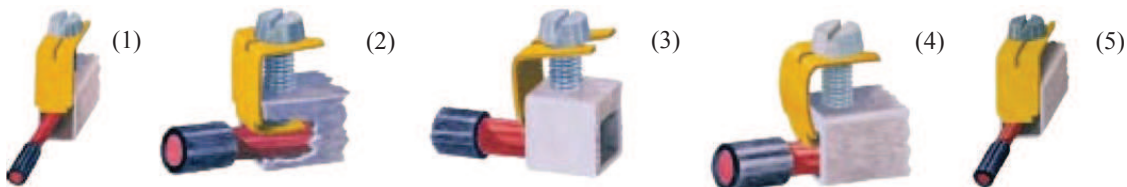
IK120, IK240

Stock Items:

(for pricing see page 9 & 10 of Item Price List)

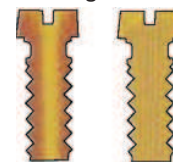
Terminal Block Part Numbers and Dimensions

Part number	IK3	IK5	IK10	IK16	IK25	IK50	IK70	IK120	IK240
Height (H)	36	38	44	44	48	51.5	72	83	83
Width (W)	40	40	40	40	50	50	70	120	120
Thickness (T)	5	6	8	10	12	16	23		
Screw size	M2.5	M3	M3.5	M4	M6	M8	M8 Bolt	M8 Bolt	M10 Bolt
Tightening Torque (Nm)	0.7	1.5	1.5	2.4	7.0	6.7	16.4	48.0	64.0



- (1) The contact system ensures that no matter how small the cable, it can only be inserted into the connection hole.
- (2) Screw damage to the wire is eliminated by the use of a serrated plate, acted upon by the screw bearing down on the wire.
- (3) A contact bracket spring exerts an upward force on the screw head to ensure it does not loosen through vibration.
- (4) The contact bracket also compensates for any reduction in contact pressure caused by cold flow of the cable.
- (5) The heavy gauge of the metal forming the bracket ensures no "tilting" of the bottom plate is possible whatever the cable size.
- (6) A very important feature is rolled screws (shown on the left) rather than turned screws are used, enabling high clamping force to be achieved with reduced possibility of thread damage.

(rolled thread)



(turned thread)

Industry Usage: Machine tool controls, switch-gear, distribution and instrumentation installations, elevator and panel board construction.

Temperature Resistance: -105° Celsius Continuous
-170° Celsius Intermittent

Materials: Metal parts, copper alloy, ordinary nickel plated and corrosion resistant.

Connections: Two screw connectors and one tapped hole for cross connections serrated to provide security.

Insulation: Polyamide 6:6, UL 94-V2 Approved. High creepage and impact strength, high breakdown resistance, inflammable (self extinguishing), resistant against gasoline, oil, alcohol and many chemicals.

Mounting Channel, 2mm long, DIN EN 50 022, rolled sheet steel, galvanically zinc plated, yellow chromated.

Insulating End Sections, for covering & insulating the last terminal against the clamp bracket, excellent creepage-proof characteristics.

End Clamp Brackets, used as a fixing bracket at the end of terminal blocks, made of high impact-resistant polyamide, can be used at both ends.

Insulating Partitions, for separating different current and voltage systems, excellent creepage-proof characteristics.

Connecting Links, galvanically nickel plated, for connecting adjacent (2 or 12), can be easily separated to fit requirements.

Insulating Caps, for a touch safe covering of the VS connection part.

Connection Posts, for arbitrary connections to the terminal blocks. For the links a single 1.0mm² wire is used.

Connection Clamps, Galvanically nickel plated with two holes for the creation of more than twelve adjacent common links.

Test Plugs, 4mm dia, step safe and touch safe with cross hole.

Test Plug Socket, galvanically nickel plated, for 4mm test plug.

Safety Covers, with warning label for supply line terminals that cannot be disconnected, according to VBG 125.

Universal ID Labels, in strips of ten, and easily separated singly. Can be supplied with, numbers, text or symbols.

Part No.	Image	Amperage U/L	U/L	Voltage U/L	Connection AWG	Material	Dimensions	Terminal	Notes
IK3		20	26	600	#22-12	N35	750/800	2 Terminal	IK3
IK5		30	34	600	#22-10	N35	750/800	2 Terminal	IK5
IK10		50	61	600	#22-8	N35	750/800	2 Terminal	IK10
IK16		65	82	600	#22-6	N35	750/800	2 Terminal	IK16
IK25		85	10	600	#8-4	N35	750/800	2 Terminal	IK25
IK51		150	168	600	#6-10	N35	750/800	2 Terminal	IK51
IK70		250	270	600	#2-4/0	N35	750/800	2 Terminal	IK70
IK120		280	292	600	Busbars or Lugs	N35	750/800	2 Terminal	IK120
IK240		380	453	600	Busbars or Lugs	N35	750/800	2 Terminal	IK240