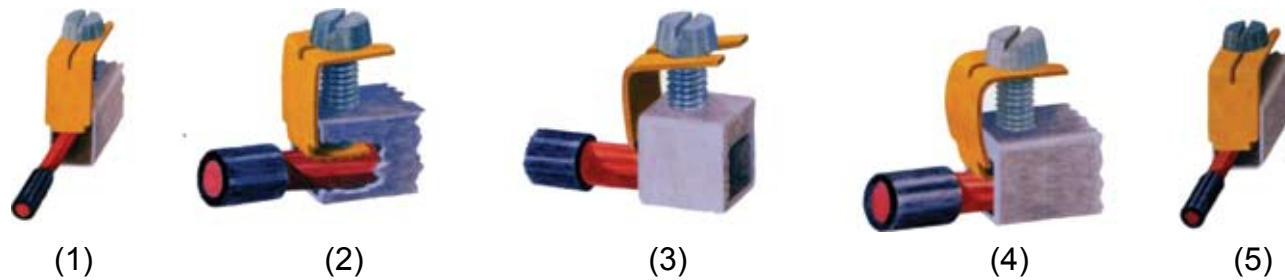


	IK3	IK5	IK10	IK16	IK25	IK51	IK70	IK120	IK240
Height (H), In(mm)	1.42 (36)	1.50 (38)	1.73 (44)	1.73 (44)	1.89 (48)	2.04 (51.5)	2.83 (72)	3.35 (83)	3.35 (83)
Width (W), In(mm)	1.57 (40)	1.57 (40)	1.57 (40)	1.57 (40)	1.97 (50)	2.04 (51.90)	2.76 (70)	4.72 (120)	4.72 (120)
Thickness (T), In(mm)	0.20 (5.1)	0.24 (6)	0.31 (8)	0.39 (10)	0.47 (12)	0.63 (16)	0.91 (23)	-	-
Terminals/foot	60	50	38	30	25	19	13	6	5
Screw size	M2.5	M3	M3.5	M4	M6	M6	M8	M8 Bolt	M10 Bolt
Tightening torque lb-in(Nm)	5 (0.7)	13 (1.5)	13 (1.5)	16 (2.4)	50 (7.0)	50 (6.7)	123 (16.4)	360 (48)	480 (64)

Unique Contact Construction Features With Six Points of Security:



(1) The contact system ensures that no matter how small the cross section of the wire, 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.

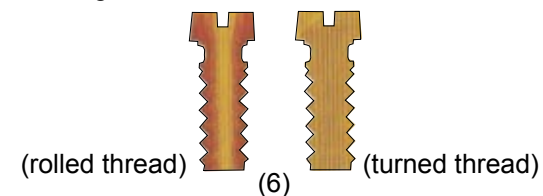
(3) A contact bracket spring exerts an upward force on the screw head to ensure that it does not loosen through vibration.

(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 en-

sure 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.



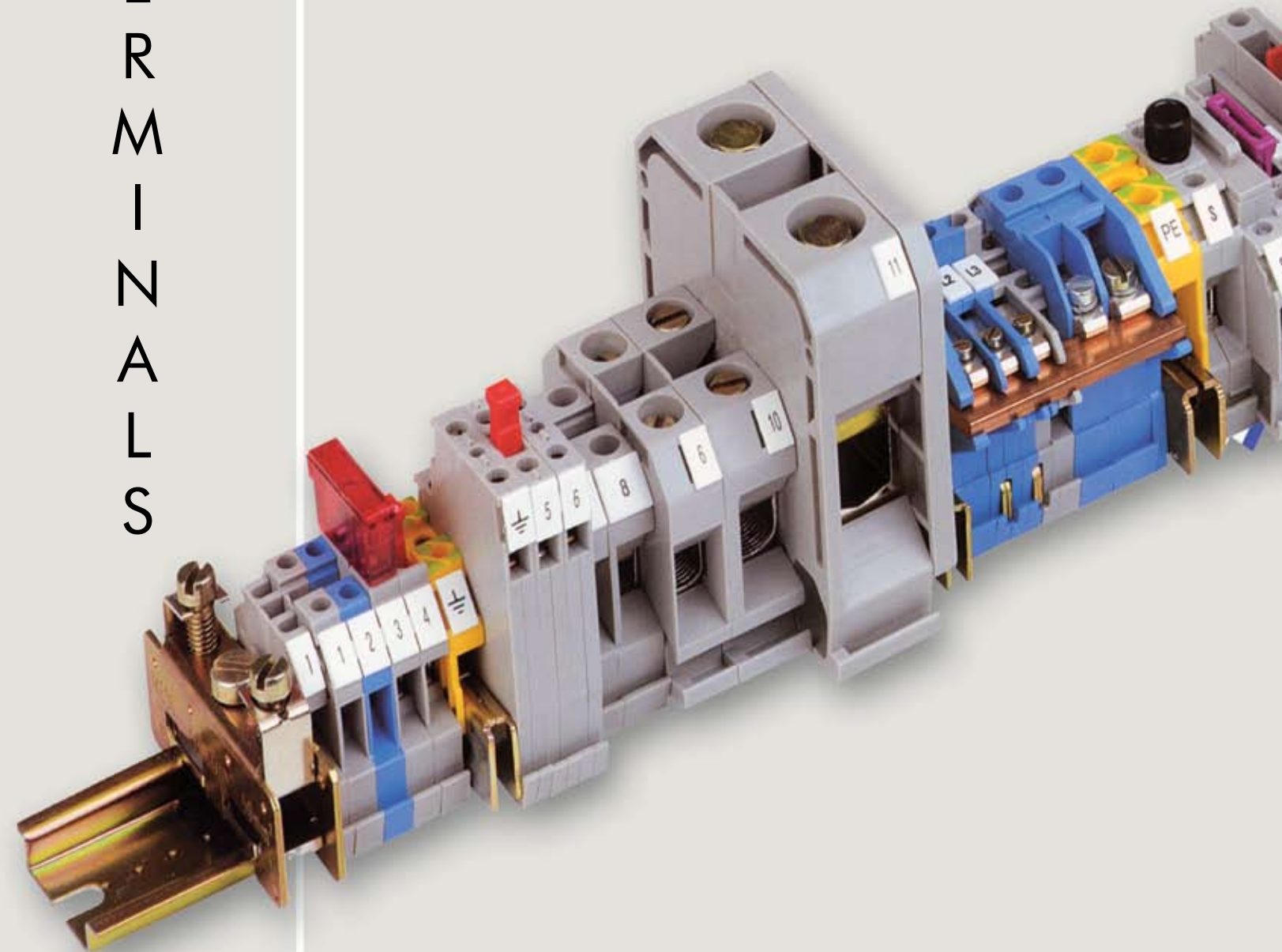
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CONTROL SWITCHES



TERMINAL BLOCKS

Control Switches International, Inc.

Industry Usage:

Machine tool controls; switchgear; distribution and instrumentation installations; elevator and panel board construction.

Materials:

Metal parts: copper alloy, ordinary nickel-plated; corrosion resistant.

Insulation:

Polyamide 6.6, UL94-V2 Approved. High creepage and impact strength; high breakdown resistance; inflammable (self-extinguishing). Resistant against gasoline, oil, alcohol and many chemicals.

Temperature Resistance:

105°C(212°F) Continuous, 170°C(338°F) Intermittent.

Connections:

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

Screws:

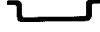











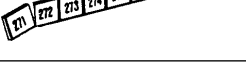
Rolled steel screws, zinc-plated, chromated; threads are compressed which strengthens screws; high torque value; galvanic surface protection.

Approvals:

CSA and UL recognized. Approved by most foreign countries' specifications.



		IK3	IK5	IK10	IK16	IK25	IK51	IK70	IK120	IK240
Amperage	U/L (VDE 0611)	20 (26)	30 (34)	50 (61)	65 (82)	85 (108)	150 (168)	250 (270)	280 (292)	380 (453)
Voltage	U/L (VDE 0611)	600 (750/800)	600 (750/800)	600 (750/800)	600 (750/800)	600 (750/800)	600 (750/800)	600 (750/800)	600 (750/800)	600 (750/800)
Connection Range	AWG (mm²)	#22-12 (single wire) (0.5-4)	#22-10 (single wire) (0.5-6)	#22-8 (single wire) (0.5-10)	#22-6 (single wire) (0.5-16)	#8-4 (single wire) (10-25)	#6-10 (single wire) (16-50)	#2-4/0 (single wire) (25-95)	Busbars or Lugs	Busbars or Lugs
		N35	N35	N35	N35	N35	N35	N35	N35	N35
		IW2	IW4	IW16	IW16	IW50	IW50	IW70	Not Req'd	Not Req'd
		SK35 SKS35	SK35 SKS35	SK35 SKS35	SK35 SKS35	SK35 SKS35	SK35* SKS35 (* SKS35 Suggested)	SK35* SKS35	Not Req'd Not Req'd	Not Req'd Not Req'd
		IW4	IW16	IW50	IW50	IW50	IW70	-	TW240	TW240
		VB2-2 VB4-12	VB4-2 VB4-12	VB6-2 VB6-12	VB16-2 VB16-12	VB25 -	VB35 -	VB70 -	Busbars -	Busbars -
		-	VSK4	-	-	VSK16	-	-	-	-
		-	VS4	-	VS16	-	-	-	-	-
		VL2-2 -	VL4-2 -	VL6-2 -	VL16-2 -	VL25 VL25-3	VL25 VL25-3	VL70 -	- -	- -
		-	-	-	-	VBU35	VBU35	VBU35	-	-
		-	PST2	PST2	PST4	PST4	PST4	PST4	-	-
		-	STB2	STB2	STB16	STB35	STB35	STB35	-	-
		KAW2 (4-Pole)	KAW4 (4-Pole)	KAW10 (4-Pole)	KAW16 (4-Pole)	KAW25 (4-Pole)	KAW35 (4-Pole)	KAW70 (4-Pole)	KAW120 (1-Pole only)	KAW240 (1-Pole only)
		HSK50B	HSK60B	HSK80B	HSK100B	HSK60B	HSK60B	HSK60B	HSK100B	HSK100B

-  **Mounting Channel**, 2 mm long, DIN EN 50 022, rolled sheet steel, galvanically zinc-plated, yellow chromated.
-  **Insulating End Sections**, for covering and 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 10 mm² wire is used.
-  **Connecting Clamps**, galvanically nickel-plated with two holes for the creation of more than twelve adjacent common links.
-  **Supports**, used with VL connecting clamps, and M 6 x 15 screws.
-  **Test Plugs**. 4 mm dia, step safe and touch safe, with cross hole.
-  **Test Plug Sockets**, galvanically nickel-plated, for 4 mm test plug.
-  **Safety Covers**, with warning label for supply line terminals that cannot be disconnected, according to VBG 125.
-  **Universal Identification Labels**, in strips of ten, and can be separated singly, and can be supplied with numbers, letters or symbols in horizontal or perpendicular order.