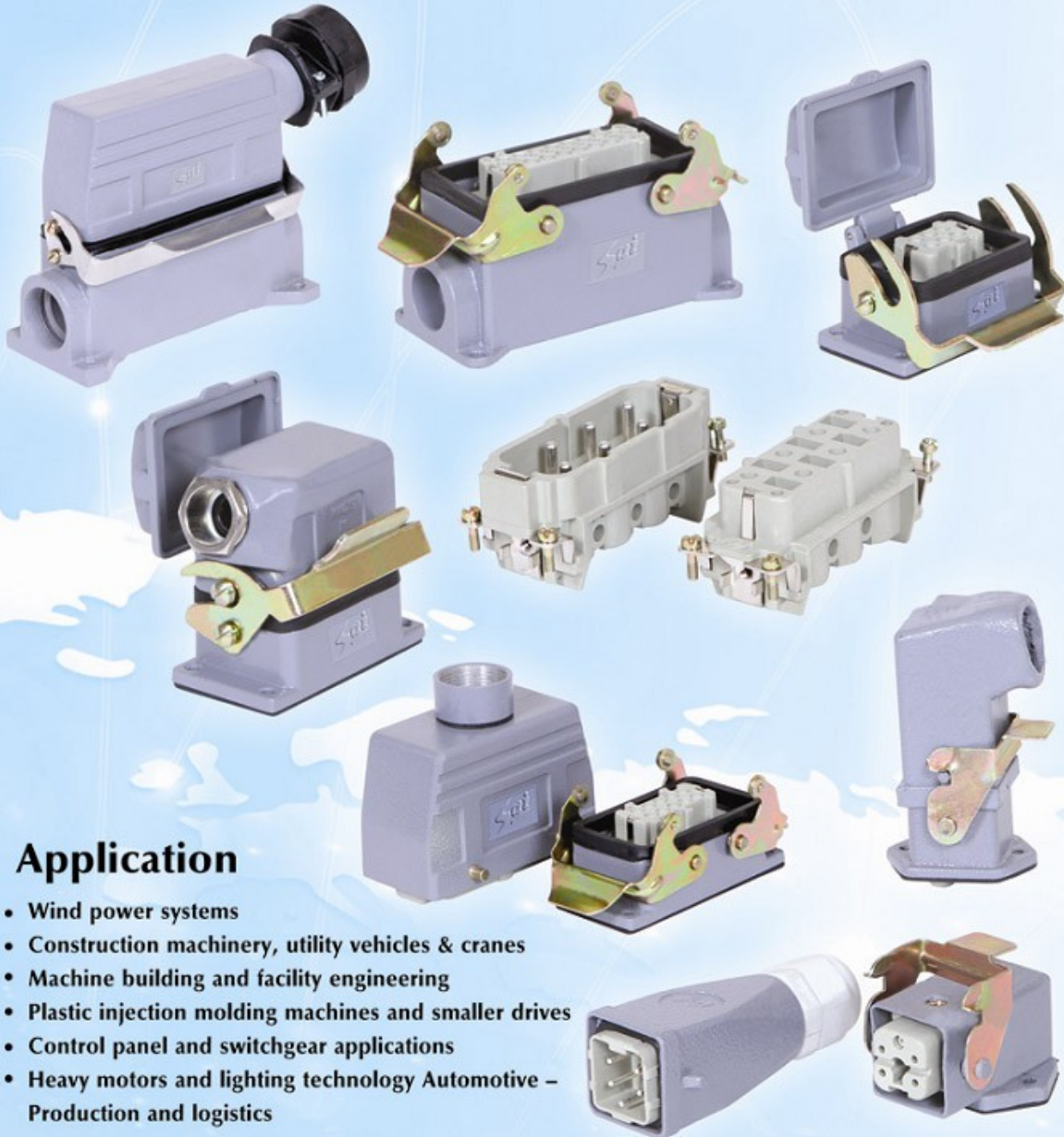




INDUSTRIAL HEAVY DUTY MULTIPOLE ELECTRICAL CONNECTORS

RANGE FROM 3 PIN TO 64 PIN,
10/16/35 AMP, 250/440/600 VOLTS AC



Application

- Wind power systems
- Construction machinery, utility vehicles & cranes
- Machine building and facility engineering
- Plastic injection molding machines and smaller drives
- Control panel and switchgear applications
- Heavy motors and lighting technology Automotive – Production and logistics

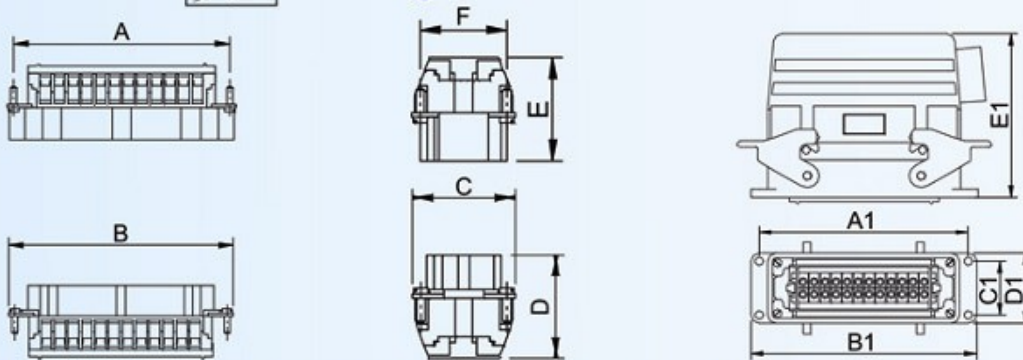


Sai INTERNATIONAL

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Rectangular Electrical Connectors



NUMBER OF CONTACTS	MALE / FEMALE DIMENSIONS (in mm)						DIMENSIONS WITH HOUSING				
	A	B	C	D	E	F	A1	B1	C1	D1	E1
4	-	21	21	35	35	-	30	40	-	29	71
6	44	52	34	31.25	31.50	27	70	81	32	44	80
10	57	64	34	31.25	31.50	27	83	94	32	44	88
16	77.5	84.5	34	31.25	31.50	27	103	114.6	32 / 45**	44 / 65**	95 / 110**
24	104	112	34	31.25	31.50	27	130	144	32 / 45**	44 / 65**	100 / 110**
32	131	140	34	31.25	31.50	27	158	170	32	44	102
48 2x24	105	111	34	31.25	31.50	27	130	146	72	90	100
64 32x2	131	140	34	31.25	31.50	27	158	180	72	88	130

* Open Bottom ** Close Bottom

Hoods



Top Entry Two Lever



Side Entry Two Lever

Housing



Open Bottom (Panel Mounting) Two Lever



Close Bottom (Surface Mounting) Single Lever

Material

Moulding	Thermoplastic resin Glass-Fiber filled.
Contacts	Copper Alloy
Contact Surface	Hard Silver plated
Hood & Housing	Lock type housing Light metal.
Gaskets	Neoprene - Resistance to oil.
Locking Lever	Steel Zinc Plated / Plastic
Clamping Screw	Steel Zinc Plated

Inserts

- (a) Interchangeability for Coupling.
- (b) Fixing Screws Cannot be lost.
- (c) Terminal Screws Cannot be lost.

Electrical Data

Working Current	10/16/35 A max.
Working Voltage	250/440/600 V. AC.
Test Voltage	2 KV / minute
Urms	
Milivolt droptest	15 mv
Insulation	10 ⁸ ohm
Resistance	
Temperature range	-40°C to 125°C
(Max temp. Included heating of contacts and ambient temperature.)	
Wire size	1.5/2.5/4 mm ²

FEATURES :

- Small over all dimensions.
- Positive Contact.
- Polarized to avoid mismatching.
- Anti vibration device built-in.
- Isolation possible without disturbing wiring.
- Hoods / Housing Pressure die Cast.
- Suitable for indoor and fully exposed environmental conditions.
- Rugged Construction (no breakable materials)
- Standardised sizes.
- Mounting dimensions are given as above.
- Missing dimensions can be available on request.
- Product suitable to customer's requirement can be made.
- Hoods and housing as shown above.

GUARANTEE : Our product is guaranteed against defective manufacturing or workmanship.



INTERNATIONAL

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