



ستار لصناعة اللوحات الكهربائية (ش.م.م.)

STAR TECHNO

INDUSTRIES (L.L.C.)





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STAR TECHNO INDUSTRIES LLC was established in 2005. Since its start of operations, The Company has set up new standards in developing the enclosure market in U.A.E. We initiated manufacturing in compliance with international standards of High quality & in accordance with the customer's stringent specifications in a very short span of time. Ensuring the quality product, is always be a core policy of STI.

We have achieved a supreme degree of technical competence, to the most demanding market requirements and serving a wide range of Products with competitive prices and high quality products.

Our product range contains various items in different designs and sizes. All of our products manufactured are being designed & produced with CAD & CAM Technologies to ensure the Quality & accuracy of products.

Our plant is equipped with comprehensive and modern technology machineries which are comprised of engineering & Computer control punching, Bending, and shearing machines and endowed with a powder coating plant to produce quality products at international standards.

We have a completely fresh and novel approach to the design of your company's products. We believe in quality and on time delivery.

Our Policy

Quality management

One of the main objectives of the STI, is to be the leader in the highest quality products existing in market. Our products have therefore undergone the most demanding certification studies to validate this intention.

Various Electrical, mechanical and other quality measuring tests were conducted under strict environment.

Such as Salt Spray test for a powder coated panel under condition of (5% NaCl in deionised water, Cabinet temperature 35°C , Humidity temperature 45°C)

These tests of our products are simultaneously made by experts, which grantees a standard quality product.

Research and development

Our entire range of products, are the result of a constant effort and expertise. Always we are making research to make our products up to the standard products in competitive market. After getting a positive feedback from our customers, we are restructuring and reengineering our traditional techniques into modern technologies.

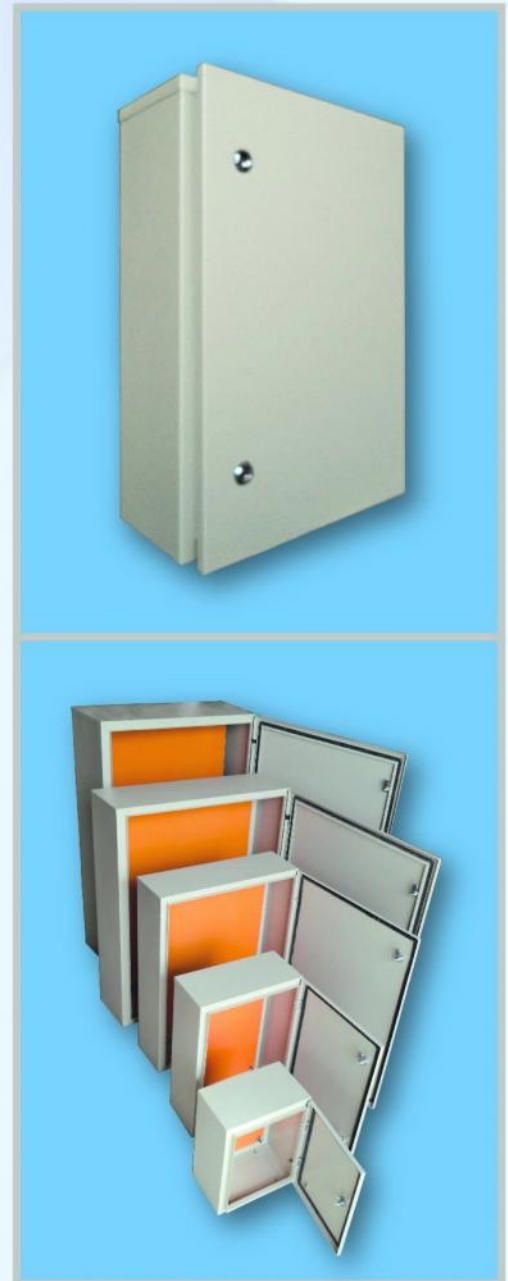
SERVICE ENCLOSURES

Application

The STI Enclosures are designed to Electrical, Electronics application. Electrical switchgear & control gear assemblies and for any industrial Application where standard protection IP 55 /56 are required. It is designed for both indoor & outdoor Applications.

Features

1. STI Enclosure Made of Strong and Rigid construction in Electro Galvanized / G.I Sheet material from 1.00 mm to 2.00 thickness.
2. Finish Polyester Powder coating paint for Enclosure RAL 7032 light grey Texture color. And for Mounting Plate RAL 2000 orange plain Color.
3. Easy & Quick installation
4. Concealed Hinges & Foam Gasket
5. Removable Gland plate at the Bottom.
6. Degree of Protection IP 54 / 55 / 56
7. Canopies can be fixed as optional.
8. Pedestals can be fixed as optional.
9. 3 point Cam Lock for higher sizes ensures uniform Locking over entire length.
10. Mounting Plate made of 1.5 / 2.0 / 2.5 mm G.I sheet with RAL 2000 Orange plane polyester powder coating.
11. Enclosure Made of G.I / E.G Sheet from 1 mm upto 2 mm thick sheet with RAL 7032 light grey Texture Polyester powder Coating.



Sample Product

Enclosures

- Wall Mount Enclosure
- Floor Standing Enclosure
- Extendable Enclosure
- Extension Enclosure
- Form IV
- Control Desk
- PC-Aux-Control-Desk





Wall Mounted Enclosures

WALL MOUNTED ENCLOSURES

❖ Features

1. Strong and Rigid Construction in Electro Galvanized / G.I Steel Sheet Material
2. Easy and Quick Installation
3. Concealed Hinges & Foam Gasket
4. Enclosure Color RAL 7032 light grey color.
5. Mounting Plate Color RAL 2000 orange color.
6. Degree of Protection IP 54 / 55 / 56
7. Material G.I Sheet

❖ Modifications

1. Modified Standard sizes, Holes
2. Modified Enclosure color Finishers & Accessories Are to customers specifications.



❖ Application

The STI Enclosures are designed to adopt all kind of Electrical, Electronics and for any industrial indoor & outdoor application where standard protection IP 55 / 56 is required.



Wall Mounted Enclosures (Small Size)

Product Code	Dimension(mm)			Usable Depth (mm)	Sheet thick(mm)			No. of Lock	No. of Doors
	H	W	D		Encl	Door	M.P		
STI-252515	250	250	150	125	1.00	1.00	1.50	1	1
STI-302515	300	250	150	125	1.00	1.00	1.50	1	1
STI-302520	300	250	200	185	1.00	1.00	1.50	1	1
STI-403015	400	300	150	125	1.00	1.00	1.50	1	1
STI-403020	400	300	200	185	1.00	1.00	1.50	1	1
STI-504020	500	400	200	185	1.00	1.00	1.50	2	1
STI-604020	600	400	200	185	1.20	1.20	1.50	2	1
STI-606020	600	600	200	185	1.20	1.20	1.50	2	1
STI-705020	700	500	200	185	1.20	1.20	1.50	2	1
STI-806020	800	600	200	185	1.20	1.20	1.50	2	1
STI-808020	800	800	200	185	1.20	1.20	1.50	2	1
STI-808025	800	800	250	225	1.20	1.20	1.50	2	1

Wall Mounted Enclosures (Medium Size)

Product Code	Dimension(mm)			Usable Depth (mm)	Sheet thick(mm)			No. of Lock	No. of Doors
	H	W	D		Encl	Door	M.P		
STI-1006020	1000	600	200	181	1.20	1.20	2.00	2	1
STI-1006025	1000	600	250	225	1.20	1.20	2.00	2	1
STI-1008020	1000	800	200	185	1.20	1.20	2.00	2	1
STI-1008025	1000	800	250	225	1.20	1.20	2.00	2	1
STI-1008030	1000	800	300	275	1.20	1.20	2.00	2	1
STI-10010025	1000	1000	250	225	1.20	1.50	2.00	2	2
STI-10010030	1000	1000	300	275	1.20	1.50	2.00	2	2
STI-1206030	1200	600	300	275	1.50	1.50	2.00	2	1
STI-1208025	1200	800	250	225	1.50	1.50	2.00	2	1
STI-1208030	1200	800	300	275	1.50	1.50	2.00	2	1
STI-12010030	1200	1000	300	275	1.50	1.50	2.00	2	2
STI-12010040	1200	1000	400	375	1.50	1.50	2.00	2	2

There is a facility to customize the enclosure in required size & color, according to customer's requirement.



Floor Standing Large Size Enclosures

FLOOR STANDING ENCLOSURES

❖ Features

1. Strong and Rigid Construction in Electro Galvanized / G.I Steel Sheet Material
2. Easy and Quick Installation
3. Concealed Hinges & Foam Gasket
4. Enclosure Color RAL 7032 light grey color.
5. Mounting Plate Color RAL 2000 orange color.
6. Degree of Protection IP 54 / 55 /56
7. Material G.I Sheet

❖ Modifications

1. Modified Standard sizes, Holes
2. Modified Enclosure color Finishers & Accessories Are to customers specifications.



❖ Application

Our Enclosures are designed to meet the safety and reliability in the all kind of Electrical, Electronics and for any industrial indoor & outdoor applications where standard protection IP 55 / 56 is required.



SIZES AND ACCESSORIES

Product Code	Dimension(mm)			Usable Depth (mm)	Sheet thick(mm)			No. of Lock	No. of Doors
	H	W	D		Encl	Door	M.P		
STI-12012025	1200	1200	250	215	1.50	1.50	2.00	1-3P	2
STI-12012030	1200	1200	300	265	1.50	1.50	2.00	1-3P	2
STI-1408030	1400	800	300	265	1.50	1.50	2.00	2	1
STI-1408040	1400	800	400	365	1.50	1.50	2.00	2	1
STI-14010030	1400	1000	300	265	1.50	1.50	2.00	1-3P	2
STI-14010040	1400	1000	400	365	1.50	1.50	2.00	1-3P	2
STI-14012030	1400	1200	300	265	1.50	1.50	2.00	1-3P	2
STI-14012040	1400	1200	400	365	1.50	1.50	2.00	1-3P	2
STI-1606030	1600	600	300	265	1.50	1.50	2.00	3	1
STI-1606040	1600	600	400	365	1.50	1.50	2.00	3	1
STI-1608030	1600	800	300	265	1.50	1.50	2.00	3	1
STI-1608040	1600	800	400	365	1.50	1.50	2.00	3	1
STI-16010030	1600	1000	300	265	1.50	2.00	2.00	3	1
STI-16010030	1600	1000	300	265	1.50	1.50	2.00	1-3P	2
STI-16010040	1600	1000	400	365	1.50	2.00	2.00	1-3P	2
STI-16012030	1600	1200	300	265	1.50	2.00	2.50	1-3P	2
STI-16012040	1600	1200	400	365	1.50	2.00	2.50	1-3P	2
STI-1806030	1800	600	300	265	1.50	1.50	2.00	3	1
STI-1806040	1800	600	400	365	1.50	1.50	2.00	3	1
STI-1808030	1800	800	300	265	1.50	1.50	2.00	3	1
STI-1808040	1800	800	400	365	1.50	2.00	2.00	3	1
STI-18010030	1800	1000	300	265	1.50	2.00	2.50	3	1
STI-18010030	1800	1000	300	265	1.50	2.00	2.50	1-3P	2
STI-18010040	1800	1000	400	365	1.50	2.00	2.50	1-3P	2
STI-18012030	1800	1200	300	265	1.50	2.00	2.50	1-3P	2
STI-18012040	1800	1200	400	365	1.50	2.00	2.50	1-3P	2

Other Sizes & Colours are available on request



Extendable Size Enclosures

EXTENDABLE SIZE ENCLOSURES

❖ Features

1. Strong and rigid construction in Electro Galvanized / G.I Sheet Material
2. Easy and Quick installation
3. Concealed Hinges & Foam Gasket.
4. Enclosure color
RAL 7032 light grey color.
5. Mounting plate color
RAL 2000 orange.
6. Degree of protection
IP 55 / 56.
7. Removable Top & Gland Plate at the Bottom.

❖ Modifications

1. Modified Standard sizes, Holes.
2. Modified Enclosure color finishers & accessories are to customers specifications.



❖ Application

These Enclosures are made for Electrical applications, for Drive Panels, & Automation Panels Foam - 2 switchboards etc. The STI Enclosure has a Five Fold Frame which gives the facility to lay Panels and Build a System. It is suitable for Electrical, Electronic and any industrial Application where standard protection IP 55 / 56 is required.

SIZE AND ACCESSORIES

Product Code	Dimension(mm)			Usable Depth (mm)	Sheet thick(mm)		No. of Lock	No. of Doors
	H	W	D		Encl	Door		
STI-Ext 60	2000	600	600	475	2.00	2.00	1-SH	1
STI-Ext 80	2000	800	600	475	2.00	2.00	1-SH	1
STI-Ext 100	2000	1000	600	475	2.00	2.00	1-SH	1
STI-Ext 120	2000	1200	600	475	2.00	2.00	1-SH	2

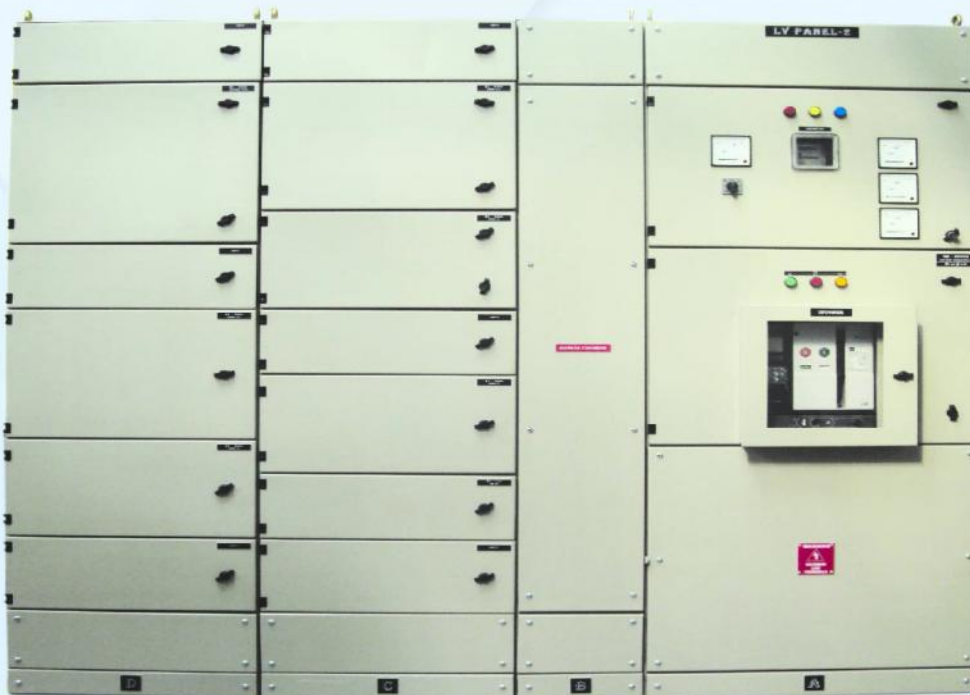
Product Code	Mounting Plate(mm)			Sheet thick(mm) M Plate
	H	W		
STI-MP 60	1875	x	550	2.00
STI-MP 80	1875	x	750	2.00
STI-MP 100	1875	x	950	2.50
STI-MP 120	1875	x	1150	2.50



Other Sizes & Colours are Available on request

Form IV Enclosures


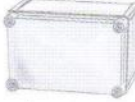



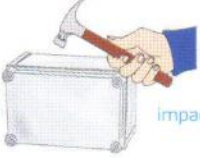





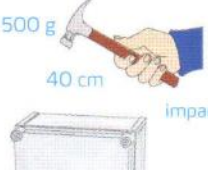
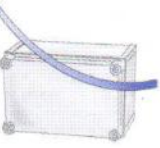

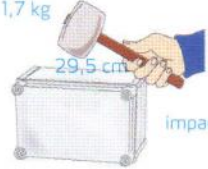


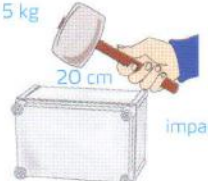


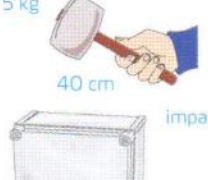


- Form IV Enclosures are designed according to clients requirement. STI Form IV Enclosures are manufactured in various sizes (600 D, 800 D & 1000 D) with E.G / G.I steel sheet and are powder coated with RAL 7032.
- The Enclosures are easily joinable to any width for the most demanding main panel application.
- Separate Compartments for instruments, ACB, MCB, MCCB and incoming cabling. Each compartment have removable side plates, rear mounting plate, partition base plate and hinged door and a large cable entry area is provided through detachable gland plated. These enclosures are designed to provide compartments.
- Doors are provided with continuous polyurethane foam gasket or door sealed to ensure a degree of protection.
- Built in plinth with rigid channel base. Removable rear covers and Lifting eye bolts are including as a standard accessory.

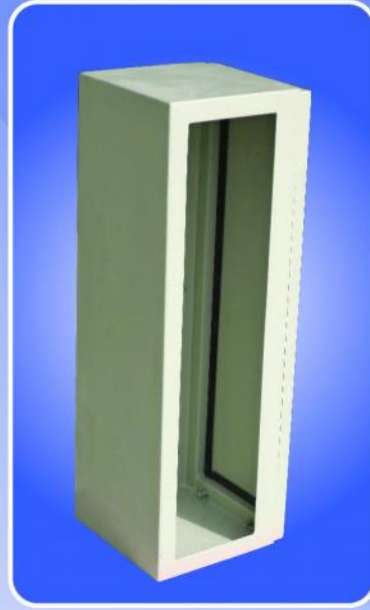


Control Desk

- Control Desk are designed in different sizes with two , three parts front construction or as clients specifications in view of all climatic conditions and vigilantly observed at all process to ensure product quality.
- Control Desk are manufactured in E.G / G.I steel sheet.
- Control Desk are Powder coated with RAL 7032 Grey Texture
- Doors of the control desk are equipped with concealed hinges for easily to remove and foam gasket to ensure a degree of protection.
- Doors with locks operated with "T" Handle Lock, Swing Handle Lock & Tri / Double Bit Lock.



FIRST DIGIT Protection against solid objects		SECOND DIGIT Protection against liquids		IK CODE Protection against mechanical impacts	
IP	TEST	IP	TEST	IK	TEST
0	 no protection	0	 no protection	00	 no protection
1	 protected against solid objects up to 50 mm e.g. to 50 mm e.g. hands	1	 protected against vertically falling drops of water	01-05	 impact < 1 joule
2	 protected against solid objects up to 12 mm e.g. fingers	2	 protected against direct sprays of water up to 15° from the vertical	06	 500 g 20 cm impact 1 joule
3	 protected against solid objects over 2.5 mm (tools+ small wires)	3	 protected against water sprayed from all directions - limited ingress permitted	07	 500 g 40 cm impact 2 joule
4	 protected against solid objects over 1 mm (tools+ small wires)	4	 protected against water sprayed from all directions - limited ingress permitted	08	 1,7 kg 29,5 cm impact 5 joule
5	 protected against dust - limited ingress permitted (no harmful deposit)	5	 protected against low pressure jets of water from all directions - limited ingress permitted	09	 5 kg 20 cm impact 10 joule
6	 totally protected against dust	6	 protected against strong jets of water e.g. for use on shipdecks - limited ingress permitted	10	 5 kg 40 cm impact 20 joule
		7	 15 cm 1 m protected against the effects of immersion between 15 cm and 1 m		
		8	 1 m protected against long periods of immersion under pressure		



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