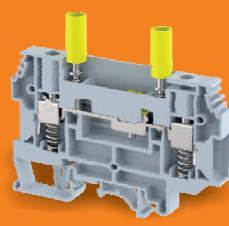
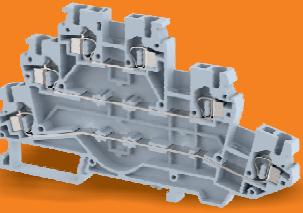


elmex

since 1963



**Solutions For
Connectivity**

www.elmex.net



'elmex' is a pioneer in the field of electrical wire termination technology in India.

'elmex' started its journey in 1963 with the manufacturing of DIN rail-mounted Clip-On type terminal blocks for application in switchgear and controlgear products, a niche segment in electrical industry.

As envisioned by our founder and Chairman, 'elmex' has moved from strength to strength and is regarded as a brand of high repute and trust.

With the objective to serve larger segment of electrical industry, 'elmex' added low voltage current transformers (CT) and voltage / potential transformers (PT) along with measurement instruments in its product range in the year 2013. At the same time, 'elmex' became the first indigenous manufacturer of connectors for **photovoltaic** applications and now has range of products for application in this **renewable energy** sector.

Over period of almost six decades, 'elmex' is now seen not only as a leader in termination technology but also a solution provider for spectrum of applications.

Customer Focus has always been the prime mover for People, Process and Product at 'elmex'.

'elmex' as a responsible corporate citizen conducts business in a sustainable manner benefiting customer, stakeholders, industry it serves and society at large.

Converging Innovations Expanding Solutions



'elmex' has achieved notable milestones on various fronts while reaching its present level of competence. With emerging changes and trends in technology, 'elmex' has always aligned its processes in line with industry standards and customer requirements.

We at 'elmex' have vertically integrated infrastructure. Right from product conceptualization stage, we carry out all processes viz., product design, tool design, manufacturing of tool, part production, product assembly, inspection, tests etc., in house thereby giving us flexibility and efficiency in our operations.

We have state of the art plant and machinery, capable of producing parts and products with high precision and in conformance with design specifications.

Our people are our strength; their competence, commitment and openness to learn has resulted into improvement on continuous basis.

'elmex' approach to serve customer and technological competence have led many manufacturers to choose 'elmex' as their global sourcing partner. 'elmex' brand equity is reflected by the fact that we serve some of the biggest names from national and multinational companies such as ABB, BHEL, GE, Hitachi, Honeywell, L&T, NTPC, Schneider Electric, Siemens, Yokogawa etc.

'elmex' is regarded as a trustworthy and reliable partner when it comes to product quality. 'elmex' manufacturing plants and design functions are accredited with ISO 9001:2015 certification for Quality Management System and ISO 14001 : 2015 for Environmental Management System, certified by TUV SUD South Asia Pvt. Ltd.

'elmex' products carry certification marks from Underwriter's Laboratories Inc. - USA & Canada, CSA Canada, UL international, Demko A/S-Denmark, Intertek SEMKO-Sweden, SGS Fimko – Finland, Nemko – Norway, DNV GL Presafe – Norway and TUV Rheinland.



Solutions For Connectivity



Solutions For Solar Photovoltaic



Solutions For Metering & Protection



Solutions For Control & Instrumentation



Solutions For Railways



Solutions For Oil & Gas Industry



Solutions for Connectivity

'elmex' offers a wide range of Terminal Blocks offering connectivity solutions for various applications, such as-Simple Feed Through Circuits, Earthing Connection, Test Disconnect and Fuse Protection Functions. The range includes Terminal Blocks with Screw Clamp or Spring Clamp Construction and are available for Low current as well as High Current Applications, conforming to various International Standards.



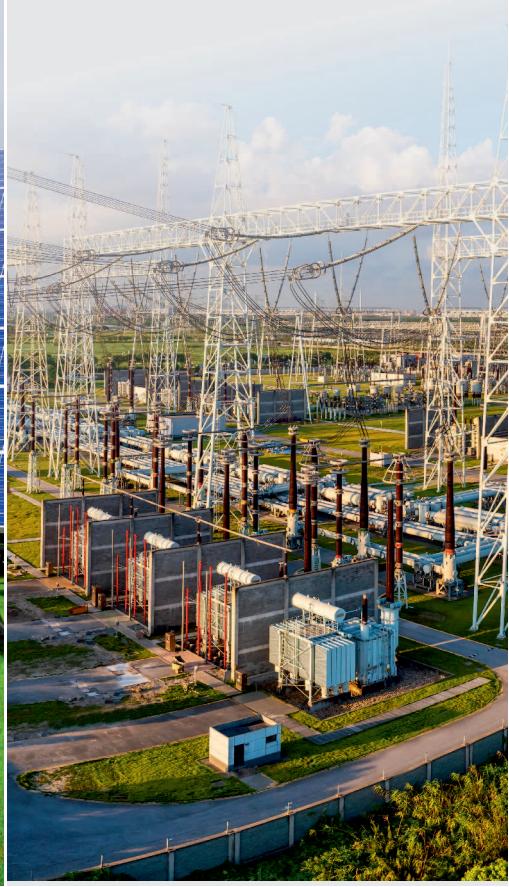
Solutions for Solar Photovoltaic

Non-conventional and Renewable sources of energy will play a significant role in meeting energy demands of the future. Solar Energy is one such measure which has vast potential to be tapped through the application of Photovoltaic (PV) Technology. To serve this segment of industry, 'elmex' has extended its domain knowledge in terminology technology to develop solar connectors, wire harnesses, fuse holders, solar junction boxes etc. for Solar Photovoltaic Applications. 'elmex' has developed these products by indigenous design and development initially for PV applications and 'elmex' has the distinction of being a pioneer to make these products in India.



Solutions for Metering & Protection

Further, with the endeavour to serve larger segment of electrical industry, 'elmex' added Low Voltage Current Transformers (CT), with Polycarbonate Casing for Metering and Protection applications. 'elmex' was one of the first companies in India to get its Current Transformers tested as per international Standard IEC 61869-2 (replacing standard IEC 60044-1, Published in 1996).





Solutions for Control & Instrumentation

'elmex' offers innovative solutions to Control & Instrumentation industry enabling modular design of electronic controls. 'elmex' range of Interface Modules, Relay Terminal Units, Termitronix Control Elements, icontrol Terminal Blocks, Timers are specifically designed for C & I applications. With these products, it is possible to use add-on concept or modification or enhancements in control circuits, even during service.



Solutions for Railway

Indian Railway being world's largest Railway network needs products that are reliable and efficient. 'elmex' offers reliable and maintenance-free electrical connections for applications ranging from signalling to rolling stock in locos, along the track and at stations. 'elmex' terminal blocks are designed and constructed for such applications and their performance is evaluated for Mechanical, Electrical, Thermal, Climatic and Vibration test as per specifications laid down by Railway (RDSO, CLW, ICF, RCF).



Solutions for Oil & Gas Industry

While product approvals as listed previously are good enough for general industrial applications, there are applications in Oil & Gas Industries where explosive gas atmosphere is present. 'elmex' terminal blocks are designed, constructed and tested meeting the safe working requirement as specified in product Standard EN 60079-7 for increased safety 'e' and EN 60079-11 for intrinsic safety 'i' and are certified by notified body i.e. DNV GL Presafe AS.



PRODUCT	PAGE NUMBER	PRODUCT	PAGE NUMBER
DIN RAIL MOUNTED TERMINALS : POLYAMIDE 6.6			
FEED THROUGH TERMINALS		EARTH TERMINALS ("N" SERIES)	
KUTM2.5	9	ETN4	11
KUT2.5	9	ETN6	11
KUT4	9	ETN10	11
KST4UWS (Spring Loaded)	9	ETDD4N	11
KUT6	9	STUD TYPE TERMINALS	
KST6WS (Spring Loaded)	9	KATM3	11
KUT10	9	KABTM3L	11
KUT16	9	KATM4	12
KUT25	9	KABTM4	12
KUT35	9	KATM5	12
KUT50	9	KBTM4	12
KUT95	9	KBTM5-15	12
MULTIPLE OUTPUT TERMINALS (KUT SERIES)		KBTM6	12
KUT4-1X2	9	KBTM100	12
KUT4-2X2	9	STUD TYPE TERMINALS (SHROUDED)	
EARTH TERMINALS		KATM3C	12
ET4	9	KATM4C	12
ET6	9	KATM5C	12
ET10	10	KBTM4C	12
ET16	10	KBTM5-15C	12
ET35	10	KBTM6C	12
ET50	10	OAT2.5	12
MULTI-LEVEL TERMINALS (DOUBLE DECK)		OAT6	12
KU2D4	10	OAT25	12
KU2D4S (Internally Shorted)	10	STUD TYPE TERMINALS (ECONOMY SERIES)	
KUDD4	10	KATM3E	13
COMPONENT HOUSING		KATM4E	13
KUDD4CC1 (Common Cathode 1)	10	KBTM4E	13
KUDD4CC2 (Common Cathode 2)	10	KBTM5E	13
KUDD4CA1 (Common Anode 1)	10	KBTM6E	13
KUDD4CA2 (Common Anode 2)	10	FUSE TERMINALS	
KUDD4D1 (One Diode)	10	KUDF4NV	13
KUDD4R (One Resistor)	10	KUDF4AD (with LED Indication)	13
KUDD4MOV	10	KUDDF4	13
KPCH4/KPCH4MC	10	KUDDF4AD (with LED Indication)	13
KPCH6	10	KUF10	13
MULTI-LEVEL TERMINALS (TRIPLE DECK)		KUF10D (with LED Indication)	13
DU3D4	11	KUF10A (with LED Indication)	13
DUSD4	11	KUFH4	13
SPRING LOADED TERMINALS		KUFH4D (with LED Indication)	13
KULT4	11	KUFH4A (with LED Indication)	13
KULT6	11	UBDF4	13
KULT1	11	UBDF4D (with LED Indication)	14
FEED THROUGH TERMINALS (KUT "N" SERIES)		UBDF4A (with LED Indication)	14
KUT2.5N	11	LED Kit (for UBDF4)	14
KUT4N	11	DISCONNECTING TERMINALS (SLIDING LINK)	
KUT6N	11	KLTD4	14
KUT10N	11	OAT6T (Hinged Type)	14
KUDD4N	11	OAT6DTS (Hinged Type)	14
		KUTD10NV	14
		KUTSD6NV	14

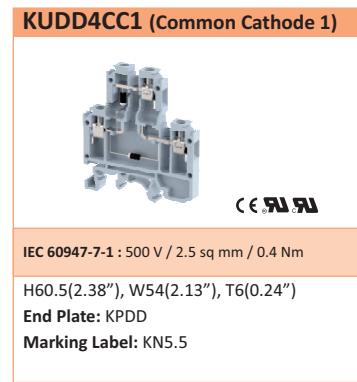
PRODUCT	PAGE NUMBER	PRODUCT	PAGE NUMBER
DISCONNECTING TERMINALS (SLIDING LINK)			
OAT10DTS	14	DBD16	17
KULTD6 (Spring Loaded)	14	DBD35	17
DISCONNECTING TERMINALS (KNIFE EDGE TYPE)			
KULTD4	14	DTB35-10X4	17
KULTD4WS (Spring Loaded)	14	DTB35-10	17
KULTD4TS	14	THERMOCOUPLE TERMINALS	
KUDT4-2X2	14	KUT4NTCK	17
KUDT6	14	KUT4NTCJ	17
DISCONNECTING TERMINALS (POP UP TYPE)			
KUPDS6	14	KUT4NTCT	17
KUPTD6	15	KUT4NTCE	17
KUPTD6S (Spring Loaded)	15	MICRO TERMINALS (15MM RAIL MOUNTED)	
DISCONNECTING TERMINALS			
KLTD4-2 Way	15	SUT4	17
OAT6DTS-2 Way	15	PET4	17
KUTSD6-2 Way	15	PBTM3/PBTM4	18
KUTSD6-7 Way	15	SPRING CLAMP TERMINALS (FEED THROUGH)	
KUTSD6-10 Way	15	DST2.5	18
KULTD6-4 Way	15	DST4	18
POWER TERMINALS			
DPBB50	15	DST6	18
DPBB70	15	DST10	18
DPBB120	15	DST16	18
DPBB185N	15	DST35	18
DPBB240	15	SCT2.5 (Side Entry)	18
SPT35 (Finger-Safe)	15	SCT4 (Side Entry)	18
SPT70 (Finger-Safe)	15	SCT6 (Side Entry)	18
SPT95 (Finger-Safe)	15	SCT10 (Side Entry)	18
SPT120 (Finger-Safe)	16	SPRING CLAMP TERMINALS (MULTIPLE OUTPUT)	
SPT150 (Finger-Safe)	16	DST2.5-1X2	18
SPT185 (Finger-Safe)	16	DST2.5-2X2	18
SPT240 (Finger-Safe)	16	DST4-1X2	18
SPT300 (Finger-Safe)	16	DST4-2X2	18
POWER TERMINALS (PANEL MOUNTED)			
PAT30	16	DST6-1X2	18
PAT100	16	DST10-1X2	19
PAT150	16	DST16-1X2	19
PAT250	16	DSDD2.5	19
DISTRIBUTION BLOCKS			
DBK8	16	DSDDM2.5	19
DBK-1X2	16	DS3L2.5	19
DBK-1X4	16	DTB35-10	19
DBK-1X6	16	DTB35-10X4	19
DBK-1X8	16	SPRING CLAMP PLUGGABLE TERMINALS	
FDBK8	16	DST2.5-2C1P	19
FDBK-1X4	16	DST2.5-2C2P	19
FDBK-1X8	17	SPRING CLAMP DISCONNECTING TERMINALS	
DFBK12	17	DSDT2.5	19
DBK2.5 (2W to 10W)	17	DSDT2.5-2X2	19
DBK150/16-1X2	17	SPRING CLAMP FUSE, MICRO TERMINALS	
DBK150/16-1X4	17	DCF4	19
DBK150/25-1X2	17	DCF4D (with LED Indication)	19
DBK150/M6C-1X2	17	DCF4A (with LED Indication)	19
		SCF6	19
		SCT2.5MC	19
		MCT2.5MC	20
SPRING CLAMP EARTH TERMINALS			
		DSET2.5	20
		DSET4	20
		DSET6	20

PRODUCT	PAGE NUMBER	PRODUCT	PAGE NUMBER
DSET10	20	CBTM6S1	22
DSET2.5-1X2	20	POWER TERMINALS	
DSET2.5-2X2	20	CBT100	22
SPRING CLAMP TERMINALS (PANEL MOUNTED)		CBT110	22
MCT1.5	20	CBT170	22
MCT2.5	20	CBT250	23
MCT2.5P4	20	CBT300	23
MCT4	20	CBT110T	23
MCT4P4	20	CBT170T	23
DMCT2.5P4 (DIN Rail Mounted)	20	CBT250T	23
PLUG & SOCKET TERMINALS		CBT300T	23
DPSC5.08 (2, 3, 4, 5, 6, 8, 9, 10, 12, 20 Way)	20	TEST / DISCONNECT TERMINALS	
DPSC7.50 (2, 4, 6, 8 Way)	20	CATDM4	23
PS8M (2W to 12W)	20	CLTDM4	23
NEUTRAL LINKS		'C' SERIES FEED THROUGH TERMINALS	
KNL4	21	CUTM2.5	23
KNL16	21	CUT4	23
KNL35	21	CUT6	23
LIGHTING POLE TERMINALS		CUT10	23
LPT225	21	ATEX Terminal Blocks	
LPT235	21	TERMINALS FOR HAZARDOUS AREA (ATEX)	
LPT325	21	TERMINAL BLOCKS APPROVALS	
LPT335	21	ACCESSORIES	
PCB CONNECTOR		End Plates • Barrier Plates	26
PUT2.5	21	Support for Protection Cover	27
PST2.5	21	Protective Covers	28
DIN RAIL MOUNTED TERMINALS : MELAMINE		Iner - Connecting Accessories • End Clamps / Mounting Rails	29
FEED THROUGH TERMINALS		Inter - Connecting Accessories	30
CST2.5	22	Markers, Group Markers, Warning Labels	31
CST6	22	NEXT GENERATION TERMINALS	
CST10	22	PHOTOVOLTAIC SOLAR PRODUCTS	
CST16	22	SURGE PROTECTION DEVICES	
CST25	22	MINIATURE CIRCUIT BREAKERS	
CST35	22	LOW VOLTAGE CURRENT TRANSFORMERS	
PLUG & SOCKET TERMINALS		RELAY TERMINAL UNITS	
PSC1/5	22	DIN RAIL MOUNTED RELAY INTERFACE MODULES	
SPRING LOADED TERMINALS		1 Changeover / 2 Changeover / 4 Changeover	37
CSLT1	22	Module with Sub - D Connector	38
STUD TYPE TERMINALS (SCREW DRIVER OPERATED)		Standard Module with IDC Connector	38
CATM3	22	TIMERS	
CABTM4	22	INSULATED LUGS	
CBTM5NV	22		39
CBTM6NV	22		39

Earth Terminals



Multi-Level Terminals (Double Deck)



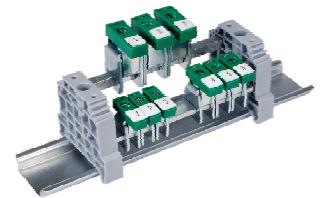
Component Housings



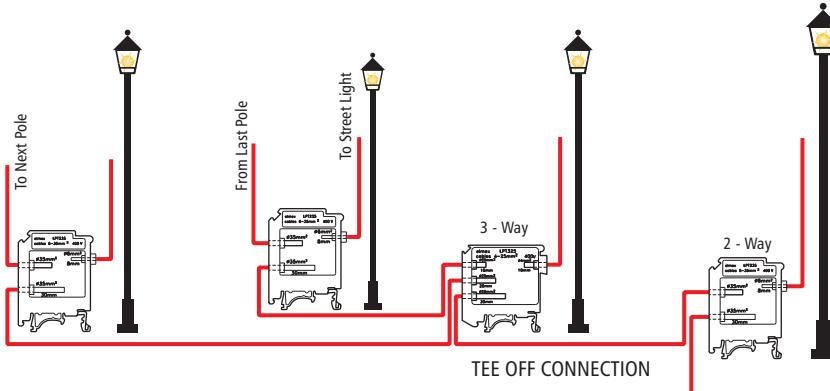
Component Housings



Neutral Links



Lighting Pole Terminals



PCB Connector

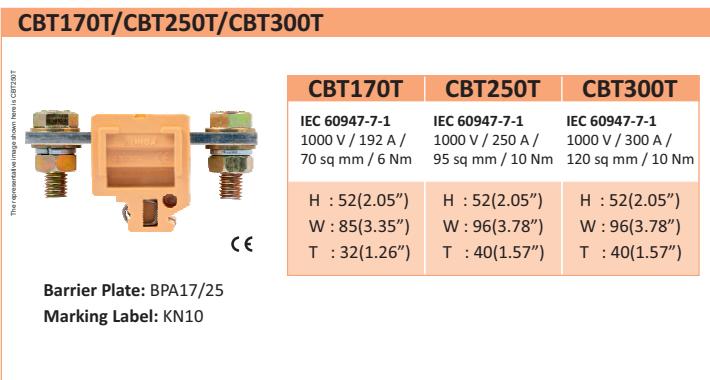


*Also available with DIN Rail Adaptor EF (End Foot) and CF(Centre Foot) for DIN Rail Mounting.

Power Terminals



Power Terminals



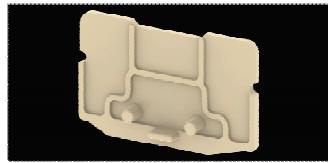
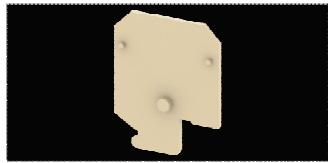
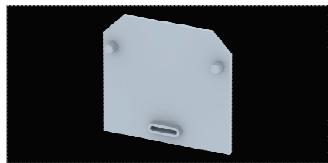
Test / Disconnect Terminals



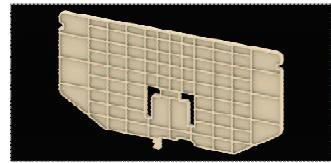
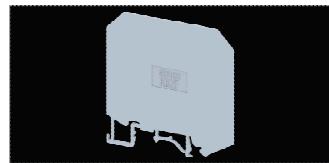
"C" Series Feed Through Terminals



'elmex' End Plates are mainly used to cover the last Terminal Block to insulate the live metal components. They are available for all type of Terminal Blocks in standard and non standard colours.



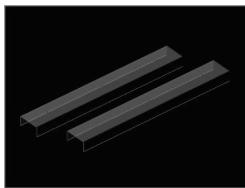
'elmex' Barriers Plates are used to isolate adjacent terminals electrically, so as to maintain the required creepage and clearance value. Apart from this function they are also used for identification and segregation of terminal groups.



TERMINAL TYPE (POLYAMIDE 6.6)	END PLATES
KUTM2.5, KUT2.5	KPNS
KUT4, KST4UWS, KUT6, KUT10	KPX
KST6WS	KSP6WS
KUT16	KPY
KUT25	KPT
KUT4-1X2	KPM4
KUT4-2X2, KUDT4-2X2	KPMD4
KU2D4, KU2D4S	EPDD4
KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, KUDD4MOV	KPDD
DU3D4	DP3D
DUSD4	DPSD
KULT4, KULT6, KULT1	KPSL
KUT2.5N, KUT4N, KUT6N, KUT10N, KUT4NTCK, KUT4NTCJ, KUT4NTCT, KUT4NTCE	KPNX
KUDD4N, ETDD4N	KPDDN
KATM3, KABTM3L, KATM4, KATM5, KBTM4, KBTM5-15, KBTM6, KABTM4, KATM3E, KATM4E, KBTM4E, KBTM5E	KPS4
KBT100	KPS100
OAT2.5	OEP2.5
OAT6	OEP6
OAT25	OEP25
KUF10, KUF10D, KUF10A	EPF
KUFH4, KUFH4D, KUFH4A	EPFH
KLTD4	KPLD4
OAT6T	OEP6T
OAT6DTS	OEP6DTS
OAT10DTS	OEP10DTS
KUTSD6	KPSD
KULTD6	KPSLD
KUTD10	KPTD
KULTD4, KULTD4WS, KUDT6, KPCH4, KPCH6, KITD4TP	KPSD4
KUPDS6	KPDS
KUPTD6, KUPTD6S	KPPDS
PAT30	EPA 30
PAT100, PAT150, PAT250	EPA100

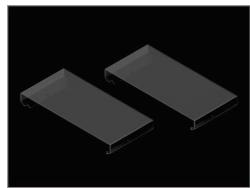
TERMINAL TYPE (POLYAMIDE 6.6)	END PLATES
SUT4	ES4
PET4	EPP
PBTM3 / PBTM4	EPBM4
DST2.5, DSET 2.5	DSEP2.5
DST4, DSET4	DSEP4
DST6, DSET6	DSEP6
DST10, DSET10	DSEP10
DST16	DSEP16
SCT2.5, SCT2.5MC	SEP2.5
SCT4	SEP4
SCT6	SEP6
SCT10	SEP10
DST2.5-1X2, DSET2.5-1X2	DSMP2.5-1X2
DST2.5-2X2, DSET2.5-2X2	DSMP2.5-2X2
DST4-1X2	DSMP4-1X2
DST4-2X2	DSMP4-2X2
DST6-1X2	DSMP6-1X2
DST10-1X2	DSMP10-1X2
DST16-1X2	DSMP16-1X2
DST2.52C1P	DSMP2.5-2C1P
DST2.52C2P	DSMP2.5-2C2P
DSDD2.5	DPDD2.5
DSDDM2.5	DSDDM2.5EP
DS3L2.5	DSEP3
DSDT2.5	DPDT2.5
DSDT2.5-2X2	DPMDT2.5
DCF4, DCF4D, DCF4A	DFEP
SCF6	SFEP6
MCT2.5MC	MEP2.5MC
MCT1.5	MEP1.5
MCT2.5, MCT2.5P4	MEP2.5
MCT4, MCT4P4	MEP4
DMCT2.5P4	DMEP2.5P4

ACCESSORIES - PROTECTIVE COVERS



PCST

Protective Transparent Covers are used for protection against dust. 'elmex' offers protective transparent covers in PVC material which are directly fitted on the Terminal Blocks with Nylon Screws. This cover is also available in cut-length apart from standard length of 300 mm for standard feed through terminal type CST 2.5, CST 6, CST 10, CUT 4, CUT 6 and CUT 10.



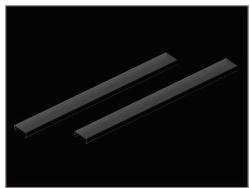
PCP

Protective Transparent Covers are used to cover the live parts where the contacts of the terminals do not form fully shrouded assemblies. 'elmex' offers Protective Transparent Covers in PVC material for Power (Bus Bar) Melamine Terminals which are directly fitted on the Barrier Plates with the help of adaptor to be fitted in the Terminal Block. These covers are available for individual Terminal Block only.



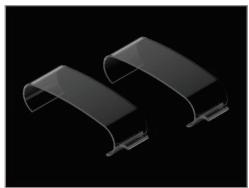
PCC 3

Protective Transparent Covers are used to cover the live parts where the contact of the terminals do not form fully shrouded assemblies apart from providing protection against dust. 'elmex' offers protective Transparent covers in PVC material which are directly fitted on the terminal assemblies of all Stud Type Terminals. These covers are available in Cut-Length apart from standard length of 300 mm.



PCD 3

Protective Transparent Covers are used to cover the live parts where the contact of the terminals do not form fully shrouded assemblies apart from providing protection against dust. 'elmex' offers protective transparent covers in PVC material which are directly fitted on the terminal assemblies of CATD M4, CLTD M4 & KLTD M4. These covers are available in Cut-Length apart from standard length of 300 mm.



PCCM & PCDM

'elmex' also offers the Protective Covers in moulded Polycarbonate material which can cover 2/3 Stud Type Terminals. A notch is provided on the Covers for the ease of mounting and removal from terminals.

PROTECTIVE COVERS	SUITABLE FOR TERMINAL
PCST (300 mm)	CST2.5, CST6, CST10, CUT4, CUT6, CUT10
PCC3(300 mm)	CATM3,CBTM5, CBTM6
PCC3K (300 mm)	KATM3, KATM4, KATM5, KBTM4, KBTM5-15, KBTM6, KABTM4, KBTM4E, KBTM5E, KABTM3L, KATM3E, KATM4E
PCP110	CBT110, CBT110T (Covers One Terminal Block)
PCP120	DPBB50, DPBB70, DPBB120 (Covers One Terminal Block)
PCP170	CBT170, CBT170T (Covers One Terminal Block)
PCP250	CBT250, CBT250T, CBT300, CBT300T (Covers One Terminal Block)
PCK3 (300 mm)	KUTM2.5, KUT2.5, KUT4, KST4WS, KUT6, KST6WS, KUT10, KUT16, KUT25, KUT35, ET4, ET6, ET10, ET16, ET35, KU2D4S, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUT4NTCJ, KUT4NTCT, KUT4NTCE, OAT2.5,OAT6, KULTD4, KULTD4WS, KUDD4CC1, KUDD4CC2, KUDD4D1, KUDD4R, KUDD4CA1, KUDD4CA2, KUDD4MOV, CST16, CST25, CST35, CSLT1, ETN4, ETN6, ETN10, KUT4-1X2, KUPDS6, KU2D4, KUDD4, KUDT6, OAT25, DBK8, FDBK8, DBK150/16-1X2, DBK150/16-1X4, DBK150/25-1X2, DBK150/M6C-1X2, KUT4NTCK, CUTM2.5, CUT4, CUT6, CUT10
PCD3 (300 mm)	CATDM4, CLTDM4, KLTD4
PCPAT30-250	PAT30, PAT100, PAT150, PAT250
PC240-2W	DPBB185N, DPBB240

PROTECTIVE COVERS	SHROUDS 2/3 TERMINALS
PCCM20	CATM3 (Covers 2 Terminal Blocks)
PCCM30	CATM3 (Covers 3 Terminal Blocks), CBTM4, CBTM5 (Covers 2 Terminal Blocks)
PCCM26	CABTM4 (Covers 2 Terminal Blocks)
PCCM45K	CBTM4, CBTM5, KBTM5-15 (Covers 3 Terminal Blocks)
PCCM60	CBTM6 (Covers 3 Terminal Blocks)
PCDM26	CATDM4, CLTDM4 (Covers 2 Terminal Blocks)
PCDM39	CATDM4, CLTDM4 (Covers 3 Terminal Blocks)
PCCM17K	KATM3, KATM3E (Covers 2 Terminal Blocks)
PCCM25.5K	KATM3, KATM3E (Covers 3 Terminal Blocks)
PCCM34K	KBTM6 (Covers 2 Terminal Blocks)
PCCM51K	KBTM6 (Covers 3 Terminal Blocks)
PCCM52K	KBT100, CBT100 (Covers 2 Terminal Blocks)
PCCM78K	KBT100, CBT100 (Covers 3 Terminal Blocks)
PCCM40	CBTM6 (Covers 2 Terminal Blocks)
PCCM30K	KBTM5-15 , KBTM5E (Covers 2 Terminal Blocks)
PCCM26K	KATM4, KATM5, KBTM4,KABTM4, KATM4E, KBTM4E (Covers 2 Terminal Blocks)
PCCM39K	KATM4, KATM5, KBTM4, KABTM4, KATM4E, KBTM4E (Covers 3 Terminal Blocks)



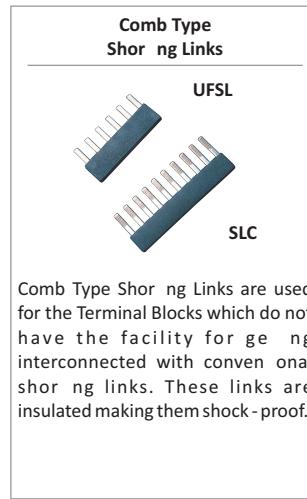
The Function of shoring link is to interconnect two or more Terminal Blocks of the same type as the same potential. For each Terminal Block, with reference to its cross section and thickness, different types of shoring links are available. All the links are made-up of Brass with 5-7 Micron Nickel Plating and are available for 2 to 10 way connections.



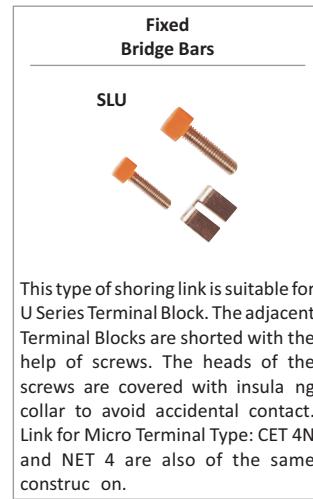
Cross connection Link Assembly is a composite structure of Shoring Link, Screws, Spring washer and sleeves to short the Terminals permanently. These Links are advantageous for handling and time saving as the links come in ready to use for quick cross connection.



Removable Shoring Links are used for interconnecting the two adjacent Terminals temporarily i.e. for switchable cross connection. The links are fixed onto the Terminal Blocks with the help of Long Studs and screws. The links rest above the top surface of Terminal Block so that switching operation becomes easy.



Comb Type Shoring Links are used for the Terminal Blocks which do not have the facility for getting interconnected with conventional shoring links. These links are insulated making them shock-proof.



This type of shoring link is suitable for U Series Terminal Block. The adjacent Terminal Blocks are shorted with the help of screws. The heads of the screws are covered with insulating collar to avoid accidental contact. Link for Micro Terminal Type: CET 4N and NET 4 are also of the same construction.



ACCESSORIES - END CLAMPS / MOUNTING RAILS

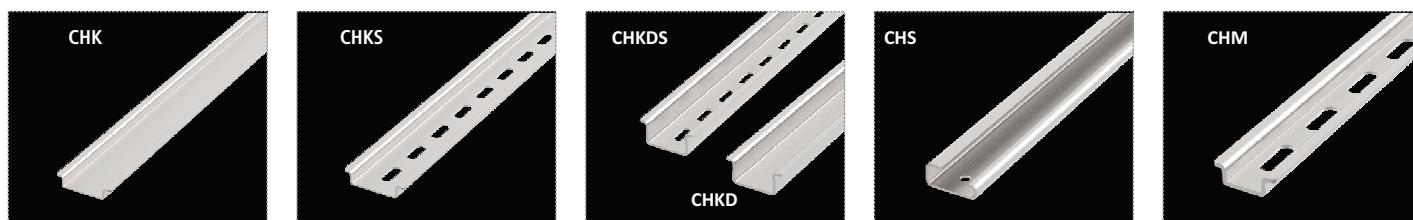
END CLAMPS: Also referred to as End Stoppers. Various types of End Clamps are available to suit different channels. End Clamps can also be used as "Spacers" to increase creepage distance between two terminals. End Clamps are available in metallic and Polyamide 6.6.



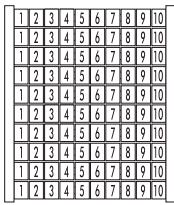
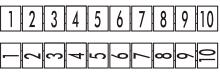
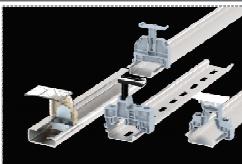
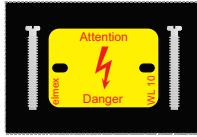
TYPE	SUITABLE FOR CHANNEL	TYPE
SCS	CHS (TS32)	11 mm
SCSN	CHS (TS32)	8.4 mm
SCKN	CHK (TS35)	8 mm
SCUN	CHS (TS32) / CHK (TS35)	9.5 mm
SCUDD	CHS (TS32) / CHK (TS35)	10 mm

TYPE	SUITABLE FOR CHANNEL	TYPE
SCUSL	CHS (TS32) / CHK (TS35)	8 mm
DCKN / DCKN10	CHK (TS35)	6 mm / 10 mm
SCMN	CHM (TS15)	7.5 mm
SCEC35	CHS (TS32)	8 mm
SCUP	CHS (TS32) / CHK (TS35)	9 mm

MOUNTING RAILS: The design complies with international standards, IEC 60715 DIN Standard, DIN EN 50035 for CHS, DIN EN 50022 for CHK, CHKS and DIN EN 50045 for CHM. Additionally gauging is done in-house on every 'elmex' channel to provide dimensional accuracy within restricted tolerances. All channels are Alkaline Zinc Plated with Blue/Yellow Passivation to increase resistance to corrosion. The channels of 300 mm, 500 mm and 1000 mm lengths (with or without slots) are available as Standard Channels. 'elmex' also provides Cut Length Channels as per the customer's

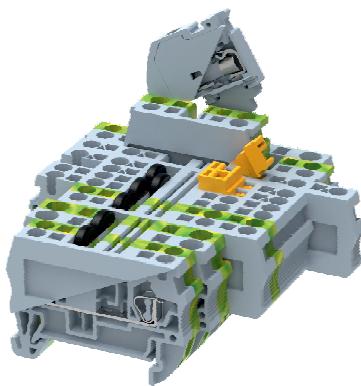
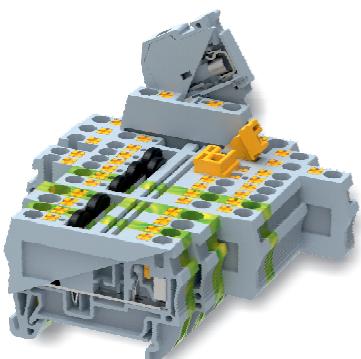


ACCESSORIES - MARKERS, GROUP MARKERS & WARNING LABELS

'elmex' Marking Labels	Snap - on Type Marking Label Card	Snap - on Type Marking Label Strip
<p>They are used for identifying of circuit connections. Marking of the Terminals help in easy identification and quick maintenance. Marking Labels are made of Polyamide in white colour and pre-printed with black indelible ink. Printing upto 3 digits / combination of Alphanumeric is possible.</p>	<p>Snap-on Type Marking Label card consists of 100 Markers, 10 Strips, each consisting of 10 Labels.</p> 	 <p>This marking system consists of ten individual marking labels in a strip. The Strip can be snapped onto ten terminal blocks together or can be broken at any point for individual marking.</p>
Group Marking Holders	Group Marking Carriers	Warning Labels
	 <p>Group Marking Carriers cater to the need of identifying different groups of terminal blocks.</p> <p>SCUN MLH - A marking Label Holder is fixed on Universal Rail Mounted Side Clamp Type: SCUN. This facilitates the Group marking of the Terminals mounted on either on channel type TS32 or Ts35. A thick paper strip is inserted into the groove on holder and transparent PVC strip protects the writing on paper.</p> <p>SCKN MLH / DCKN MLH - A white marker with larger writing area is snapped onto the groove of TS35 Rail mounted Side clamp Type : SCKN / DCKN.</p> <p>GMC - It is made of transparent PVC, mounted at any end of the Terminal block stack with the help of Side Clamp. It is suitable for Ts32 Rail.</p>	 <p>Warning Labels (Attention or Danger Plate) are available in yellow colour with red printing on the group of four standard type terminal blocks.</p>
		Mounting Base
		 <p>Mounting base type MBCHK is used to make the components DIN Rail mounted. It contains a trapped hole to enable the fixing of components onto a DIN Rail.</p>
SNAP ON TYPE MARKING STRIP		
Label KN5	KUTM2.5, DST2.5, SCT2.5, DST2.5-1X2, DST2.5-2X2, DSMT2.5-2X2, SCT2.5MC, DST2.5-2C1P, DST2.5-2C2P, DSDDM2.5, DSET2.5, DSET2.5-1X2, DSET2.5-2X2	
Label KN5.08	DPSC5.08	
Label KN5.5	KUT2.5, KULT4, ET4, KUT4NTCK, KUT4NTJC, KUT4NTCT, KUT4NTCE, KU2D4, KU2D4S, KUDD4, DU3D4, KLTDM4, KULTD4, KULTD4WS, DBK2.5, SUT4, DST4, SCT4, DSET4, MCT2.5, DSDD2.5, KUT4-1X2, KUT4-2X2, KPCH4, ETDD4N, KUDT4-2X2, MCT2.5, MCT2.5P4, MCT2.5MC, DS3L 2.5, DST4-1X2, DST4-2X2, CST35, CATDM4, CLTDM4, CUTM2.5	
Label KN6.5	KUT4, KST4UWS, KATM3, KATM4, KATM5, KBTM4, KABTM4, KBTM5-15, KBTM6, KBT100, MCT4, KNL4, OAT2.5, PS8M, FDBK3, FDBK4, FDBK5, FDBK6, FDBK8, FDBK-1X2, FDBK-1X4, KABTM4, KATM3E, KATM4E, KBTM4E, KBTM5E, CST2.5, CST6, CATM3, CBTM5, CUT4, CUT6	
Label KN7.5	DPSC7.50	
Label KN8	KUT6, KST6WS, KULT6, KUDF4, KUDF4AD, KUDDF4, KUDDF4AD, DS8LP16/32, KUTSD6, KUTD10, KULTD6, ET6, DST6, DCF4, DSET6, KNL16, DSCT6, DSCDT6, KUPTD6, KUPTD6S, KUPDS6, PAT30, PAT100, PAT150, PAT250, KUDT6, SCT6, DST6-1X2	
Label KN9	CBTM6, CBTM6S1, CBT100, CABTM4	
Label KN10	OAT6, OAT6T, KUFH4, KUFH4A, KUFH4D, OAT6DTS, OAT6DTS-2W	
Label KN12	KUT10, KULT1, DPBB50, DPBB70, DPBB120, DPBB185N, DPBB240, DBK12, DBK3, DBK4, DBK5, DBK6, DBK8, DBK-1X2, DBK-1X4, DBK-1X8, DST10, LPT225, LPT325, DSET10, MCT2.5P4, DMCT2.5P4, KATM4C, KATM5C, KBTM4C, DST10-1X2	
Label KN17	CST10, CST16, CSLT1, CBT110, CBT170, CBT250, CBT300, CBT110T, CBT170T, CBT250T, CBT300T, CUT10	
Label KN17	KUT16, KUT25, ET16, ET35, KUF10A*, KUF10D, DBK150/16-1X2, DBK150/16-1X4, DBK150/16-1X8, DBK150/25 Series	
Label U8.25	DST16, LPT235, LPT335, DBD16, DBD35, MCT4P4, DBK150/M6C Series SPT, Series, KBTM5-15C, SCF6, DST16-1X2, DTB35-10X4, CST25	
	KUT35, KUT50, KUT95, ET50, KBTM6C, OAT25, CST70, CST185, DTB35-10	
WARNING LABELS		
WL2.5 / WL2.5N	KUTM2.5, KUT2.5, CUTM2.5 / KUT2.5N, CUT4	
WL4	KUT4, KST4UWS, KUT4N, CST2.5	
WL6	KUT6, KST6WS, CST6, CUT6	
WL10	KUT10, CST10, CUT10	
WL16	KUT16, KUT25, CST16	
WL25	CST25	
WL35	KUT35, CST35	
SUITABLE FOR TERMINAL TYPE		

'elmex' introduces new range of Push-in type, Spring Clamp type and Screw Clamp type terminal blocks with robust design, manufactured for highest level of electrical and mechanical performance for a wide range of applications.

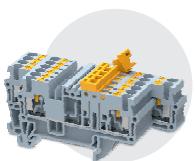
Connect to the Future of Wire Termination



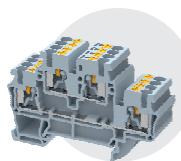
Salient Features

- Uniform design with harmonized features across all the three series
- Compact in design for better space utilization
- Common accessories such as jumpers, end plates and marking labels facilitate low inventory
- Rated for 1000V
- Provision for interconnection between terminal block with different functions
- Improved wire entry with or without lugs
- Possibility of interconnection between terminal blocks having different rated conductor sizes
- Wider marking labels for better visibility

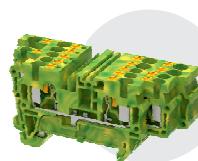
Applications



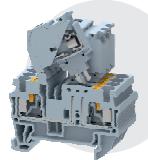
**Disconnection
Terminals**



**Multi-level
Terminals**



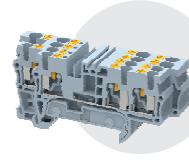
**Earth (Grounding)
Terminals**



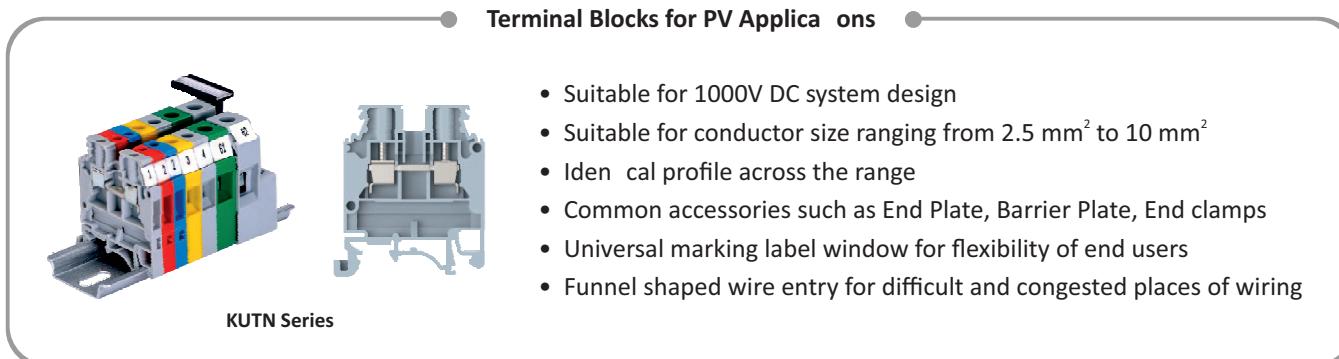
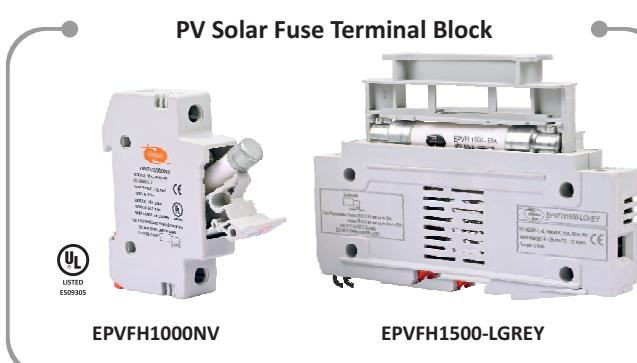
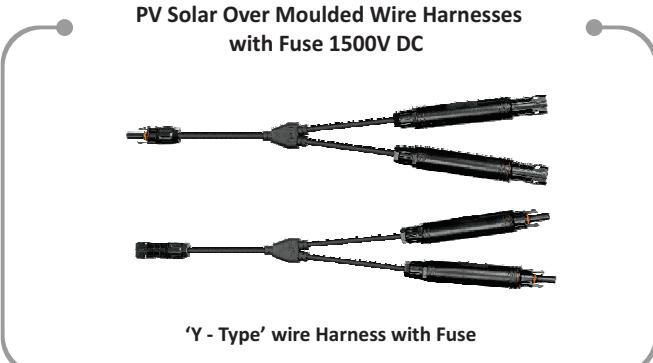
**Fuse
Terminals**



**Feed Through
Terminals**



**Multiple Output
Terminals**





● AC & DC Surge Protection Devices



SPPV1+1T2-320N



SPPV3+1T2-320N



SPPV2T2 - 600N



SPPV3T2 - 1000N



'elmex' Miniature Circuit Breakers

DC MCBs



MCD16C2



MCD32C4



MCD63C4

Type	Product Description
MCD16C2	16A, 2 Pole DC MCB
MCD16C4	16A, 4 Pole DC MCB
MCD20C2	20A, 2 Pole DC MCB
MCD20C4	20A, 4 Pole DC MCB
MCD25C2	25A, 2 Pole DC MCB
MCD25C4	25A, 4 Pole DC MCB
MCD32C2	32A, 2 Pole DC MCB
MCD32C4	32A, 4 Pole DC MCB
MCD63C4	63A, 4 Pole DC MCB

'elmex' make DC MCBS are confirming to IEC 60947-2



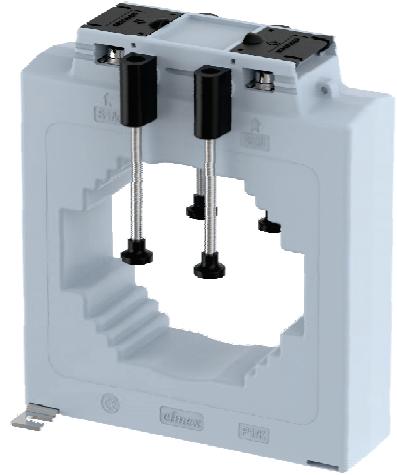
LOW VOLTAGE CURRENT TRANSFORMERS



'elmex' has been serving electrical industry and providing terminal solutions for last five and half decades. In an endeavour to serve a large segment of this industry, 'elmex' proudly adds Polycarbonate Encapsulated Current Transformers to the existing range of products. These Current Transformers are designed and manufactured in compliance with latest standards specifications IS:16227 / 2705 & IEC:61869-2

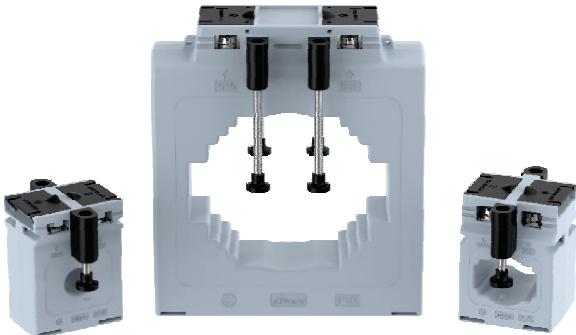
Polycarbonate Encapsulated Current Transformer

- TYPE TESTED AS PER IEC:61869-2
- CE MARKED
- RoHS COMPLIANT



Polycarbonate Encapsulated Current Transformer

Specifications

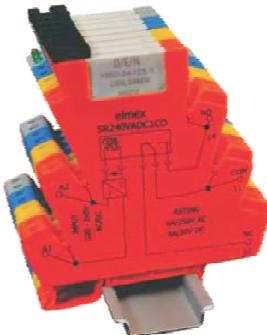


Also available full range of
Resin Cast & Tape Wound type CTs

- **Voltage Class:** 660V, 50/60 Hz.
- **Rated Primary Current:** 1 to 7500 Amp.
- **Rated Secondary Current:** 5A, 1A or 0.577A
(Non-standard available on request)
- **Burden:** 1.25 - 2.5 - 3.75 - 5 - 7.5 - 10 - 15 - 20 - 30
- 40 - 50 - 60VA
- **Class of Accuracy:**
 - 0.2S, 0.5S (Tariff/Revenue)
 - 0.2, 0.5, 1.0 (Metering)
 - 3.0, 5.0 (Indication)
 - 5P5, 5P10, 5P20 (Protection)
 - PS (Special purpose protection)
- **Short Time Thermal Current :** 60 ln. (Tested for 65kA for 3 seconds)
- **Insulation Class:** E (or better)

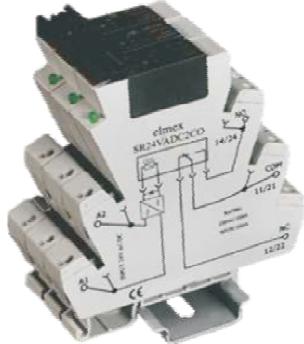
Product conforms to IEC:61869-2 & IS:2705

1 CHANGEOVER ELECTROMECHANICAL
6.2mm RELAY TERMINAL UNIT



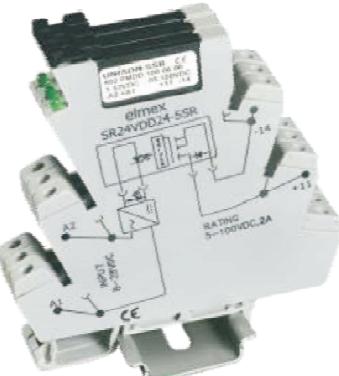
Base Unit	SR24VADC1CO	SR240VADC1CO
Pitch (in mm)	6.2	
Dimension(Hight x Width)(in mm)	91.5 X 88.2	
Connection Possibility	2.5 sq mm	
Screw Size	M 2.6	
Torque	0.4 Nm	
Relay Actuation Data		
Nominal Voltage (Vn) to actuate	24 V DC / AC	220 V DC / AC
Nominal Voltage (In) to actuate	10 mA	15 mA
Contact Data		
Contact Rating	6 A, 250 VAC / 30 VDC	
Comparable Contact Arrangement	1 FORM C	

2 CHANGEOVER ELECTROMECHANICAL
14.5mm RELAY TERMINAL UNIT



Base Unit	SR24VADC2CO	SR240VADC2CO
Pitch (in mm)	14.5	
Dimension(Hight x Width)(in mm)	91.5 X 88.2	
Connection Possibility	2.5 sq mm	
Screw Size	M 2.6	
Torque	0.4 Nm	
Relay Actuation Data		
Nominal Voltage (Vn) to actuate	24 V DC / AC	220 V DC / AC
Nominal Voltage (In) to actuate	25 mA	15 mA
Contact Data		
Contact Rating	2x6 A, 250 V AC / 30 V DC	
Comparable Contact Arrangement	2 FORM C	

SOLID STATE
6.2 mm RELAY TERMINAL UNIT



Base Unit	SR24VDD24-SSR	SR24VDA24-SSR
Pitch (in mm)	6.2	
Dimension(Hight x Width)(in mm)	91.5 X 88.2	
Connection Possibility	2.5 sq mm	
Screw Size	M 2.6	
Torque	0.4 Nm	
Relay Actuation Data		
Input Control Voltage	3 - 32 VDC	3 - 32 VDC
Input Control Supply Current	12 mA	12 mA
Contact Data		
Rated Voltage	5 - 100 VDC	24 - 280 VAC
Rated Current	2 A @ 55°C	2 A @ 55°C



DIN RAIL MOUNTED RELAY INTERFACE MODULES



1 CHANGEOVER



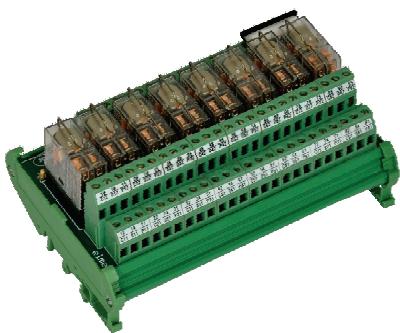
SPECIFICATION

Relay Make:	OEN / OMRON or Equivalent	Channel	Type
Coil Voltage:	DC: 12 V, 24 V, 48 V AC: 24 V, 110 V, 220 V	1	3R122
Contact Rating:	Voltage: 230 VAC / 30 VDC Current: 10 Amp	2	3R123
Fuse Cartridge Size:	5 X 20	4	3R124
		8	3R126
		16	3R247

Design Options:

- Without Socket / With Socket
- Without / With Fuse at Pole
- Without Loop / Negative Loop / Positive Loop

2 CHANGEOVER



SPECIFICATION

Relay Make:	OEN / OMRON or Equivalent	Channel	Type
Coil Voltage:	DC: 12 V, 24 V, 48 V AC: 24 V, 110 V, 220 V	1	3R104
Contact Rating:	Voltage: 230 VAC / 30 VDC Current: 5 Amp	2	3R158
Fuse Cartridge Size:	5 X 20	4	3R105
		8	3R081
		16	3R268

Design Options:

- Without Socket / With Socket
- Without / With Fuse at Pole
- Without Loop / Negative Loop / Positive Loop

4 CHANGEOVER



SPECIFICATION

Relay Make:	OMRON or Equivalent	Channel	Type
Coil Voltage:	DC: 24 V AC: 110 V, 220 V	1	3R177
Contact Rating:	Voltage: 230 VAC / 30 VDC Current: 3 Amp	2	3R356
Fuse Cartridge Size:	5 X 20	4	3R368
		8	3R370

Design Options:

- Without Socket / With Socket
- Without / With Fuse at Pole
- Without Loop / Negative Loop / Positive Loop



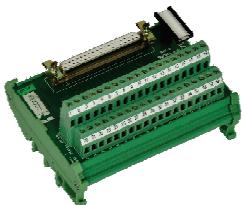
DIN RAIL MOUNTED RELAY INTERFACE MODULES



Module with Sub-D Connector



Male



Female

Ordering Information on Sub-D Connectors

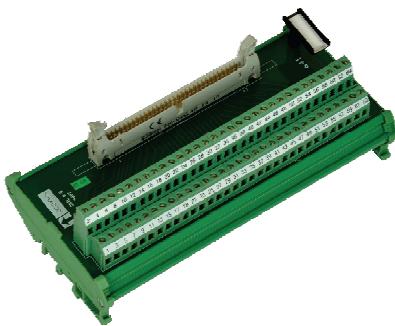
No. of Pins	Type		Dimensions LxWxH (mm)
	Male	Female	
9	3 RMI 9 DM	3 RMI 9 DF	47X77.25X64
15	3 RMI 15 DM	3 RMI 15 DF	68X77.25X64
25	3 RMI 25 DM	3 RMI 25 DF	90X77.25X64
37	3 RMI 37 DM	3 RMI 37 DF	112X77.25X64
50	3 RMI 50 DM	3 RMI 50 DF	56X77.25X64

WE CAN ALSO PROVIDE RIGHT ANGLED
SUB-D CONNECTORS WITH THE ABOVE
CONFIGURATION

Rating

Wire Range 0.5 - 2.5 sq.mm 22-14 AWG	Current 1.5 AMPS	Voltage 250 VAC

Standard Module with IDC Connector



Ordering Information on IDC / FRC (header) Connectors

No. of Pins	Type	Dimensions LxWxH (mm)
10	3 RMI 10 I	45X77.25X64
14	3 RMI 14 I	68X77.25X64
16	3 RMI 16 I	68X77.25X64
20	3 RMI 20 I	90X77.25X64
26	3 RMI 26 I	90X77.25X64
34	3 RMI 34 I	112X77.25X64
40	3 RMI 40 I	135X77.25X64
50	3 RMI 50 I	156X77.25X64
64	3 RMI 64 I	179X77.25X64

ORDERING EXAMPLE

8 Channel 1 Changeover Relay Module with O/E/N Relays with socket for plug in type arrangement & Ground Coil Terminals are shorted / common (negative looping on Coil Side) Coil Voltage 24 VDC.

3R126

0

L

0

D1

Relay Make	Socket / Base	Fuse at Pole	Coil Voltage	NOTES
<input type="radio"/> O E / N <input type="radio"/> T OMRON <input type="radio"/> X Others (Specify)	<input type="radio"/> Without Socket <input type="radio"/> With Socket	<input type="radio"/> Without Fuse <input type="radio"/> With Fuse	DO 12 VDC A0 12 VAC D1 24 VDC A1 24 VAC D2 48 VDC A2 48 VAC D3 110 VDC A3 110 VAC D4 220 VDC A4 220 VAC	Please specify Relay Make, Coil Voltage & required Looping at time of Ordering. We can also provide modules with relays recommended

WE CAN PROVIDE ANY LEVEL OF CUSTOMIZATION FOR INTERFACE MODULES.



TIMERS

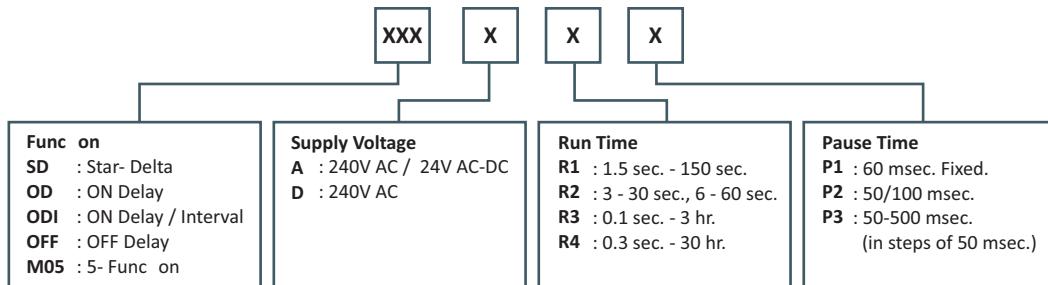


Timer Code Description



FEATURES

- 17.5 mm DIN Rail Housing.
- Settable Time Ranges.
- Front knobs for Time Range, Time Scale & Mode Setting.
- Slim, Space Saving Design.
- LED indication for Power ON.
- LED indication for Relay ON.
- Sealable Front Cover for Temper Proofing.
- Provision of Multi-meter prob for parameters measurement.



INSULATED LUGS

Insulated Twin End & Cord End Lugs

Features

- Material : Copper
- High Conductivity
- Insulating Material: Polyamide
- Corrosion Resistant
- Easy wiring with conical funnel entry
- Surface : Tin Plated
- CE Marked





Elmex Controls Pvt. Ltd. | Elmex Electric Pvt. Ltd.

12, GIDC Estate, Makarpura, Vadodara -390010, Gujarat, India

📞 0265-2642021 / 23

✉️ marketing@elmex.net

🌐 www.elmex.net



ElmexControls



ElmexControls



ElmexControls



ElmexControls



ElmexControls

