



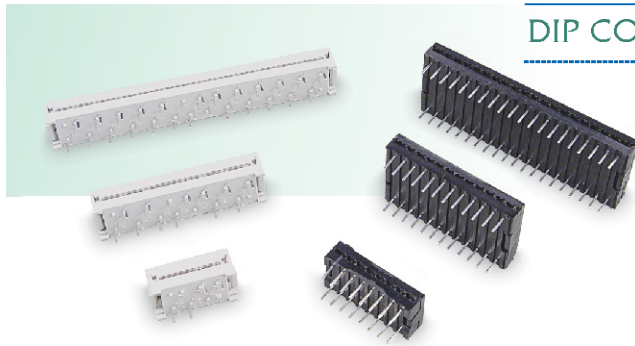
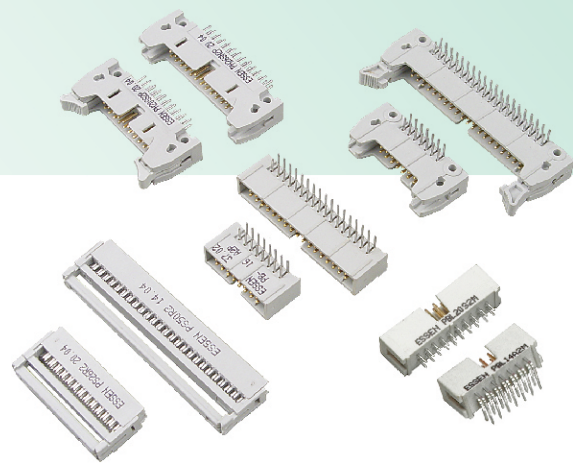
AN ISO 9001 : 2008 COMPANY

SHORT FORM
PRODUCT
CATALOGUE

EXCELLENCE IN QUALITY

IDC HEADERS - SOCKETS / BOX HEADERS & LOW PROFILE BOX HEADERS

Series	P
No. of Contacts	10, 14, 16, 20, 26, 34, 40, 50, 60, 64.
Pitch	2.54 mm
Current Rating	Headers / Box Headers - 1A, Sockets - 1A
Termination Style	Header - Straight / Angled Dip Solder Sockets - IDC
Material	Insulator - Flame Retardant Thermoplastic Contacts - Copper alloy
Tested at Approval	LCSSO as per JSS 50810 LCSSO, RDSO, ITI, C-DOT

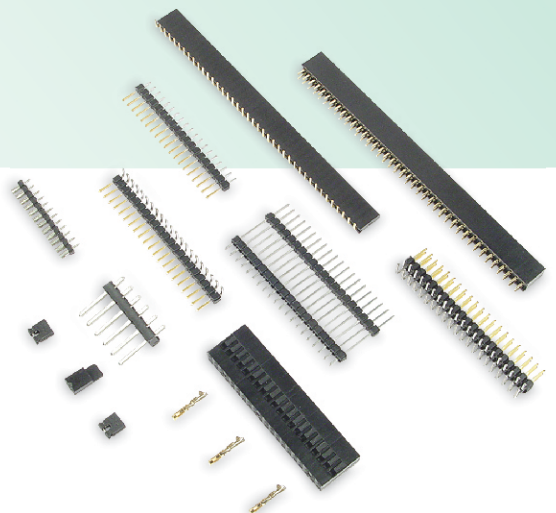


DIP CONNECTORS / TRANSITION CONNECTORS

Series	CD, 883
No. of Contacts	14, 16, 24, 28, 40 / 10, 16, 20, 26, 34, 40, 50
Pitch	2.54 mm
Current Rating	1A
Termination Style	IDC Termination with straight Dip Solder
Material	Insulator - Flame Retardant Thermoplastic Contacts - Copper Alloy
Tested at Approval	ETDC ITI, BEL

PCB CONNECTORS

Series	853, 859
No. of Contacts	1 x 40, 2 x 40
Pitch	2.54 mm
Current Rating	3A
Termination Style	Straight / Angled Dip Solder, Crimp
Material	Insulator - Flame Retardant Thermoplastic Contacts - Copper alloy
Tested at Approval	ETDC C-DOT, ITI



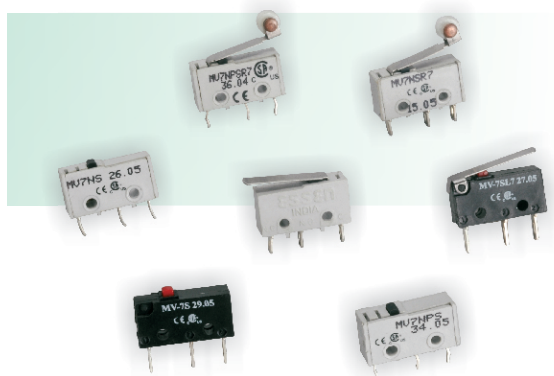
SWITCHES



MICRO SWITCHES



Series	S, B, R, C, T, P
Current Rating	5A / 15A
Voltage Rating	250V AC
Contact	1 C / O
Option	1. Plain / Roller / Plastic Levers Short / Long / Extra Long 2. Direct / Reverse Acting
Standard Conformity	IEC 1058-1



SUBMINIATURE MICRO SWITCHES

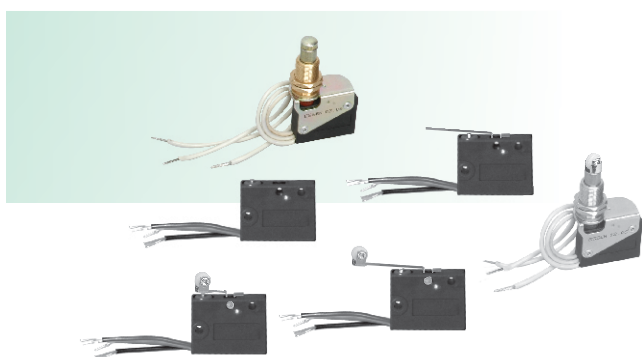
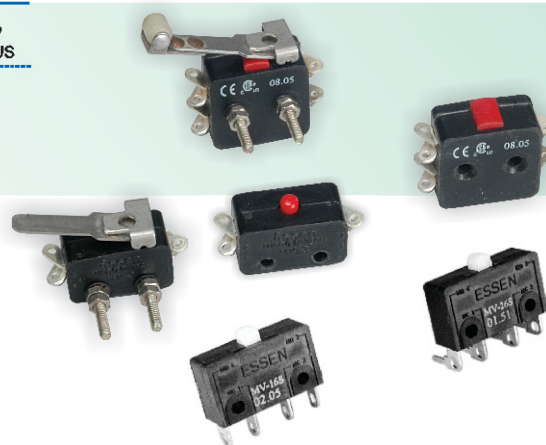


Series	MV7, MV7N, MV7NP
Current Rating	2A, 5A
Voltage Rating	250V AC
Contact	1 C / O
Option	Plain / Roller Lever
Tested at	LCISO as per JSS 51204
Approval	LCISO, ITI
Standard Conformity	IEC 947-5-1

MINIATURE MICRO SWITCHES



Series	MV1, MK3, MV16, MV26
Current Rating	5A, 7A
Voltage Rating	250V AC
Contact	1 NO + 1 NC, 2 NO + 2 NC
Option	Plain / Roller Lever
Tested at	LCISO as per JSS 51204
Approval	LCISO, ITI
Standard Conformity	IEC 947-5-1



SEALED MINIATURE MICRO SWITCHES

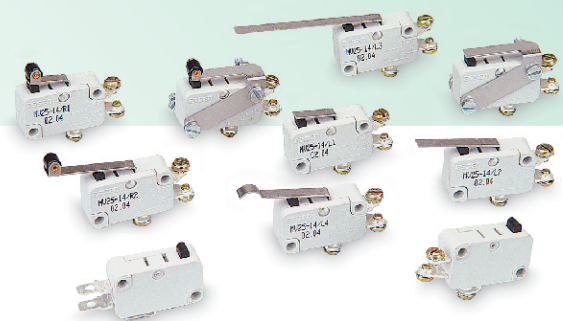
Series	MV27
Current Rating	5A
Voltage Rating	250V AC
Contact	1 NO + 1 NC
Actuator	Side mounting switches - Plain or Lever or Roller Lever Panel mounting switches - Frame fitted with threaded plunger Plain or Roller type
Protection	IP67

SWITCHES



MINIATURE MICRO SWITCHES

Series	MV25
Current Rating	16A (For Operating Force 400 gms. & 200 gms.) 10A (For Operating Force 100 gms.) 6A (For Operating Force 50 gms.)
Voltage Rating	250V AC
Contact	NO, NC, 1 C/O
Options	Plain Short Lever, Long Lever, Extra Long Lever, Short Roller, Long Roller, Short Leaf Lever, Roller Leaf Lever, Hinged Lever
Operating Forces Available	400 gms, 200 gms, 100 gms, 50 gms, 25 gms
Terminal Style	Solder, Screw, Quick Connect
Approval	LC50
Standard Conformity	IEC 1058-1

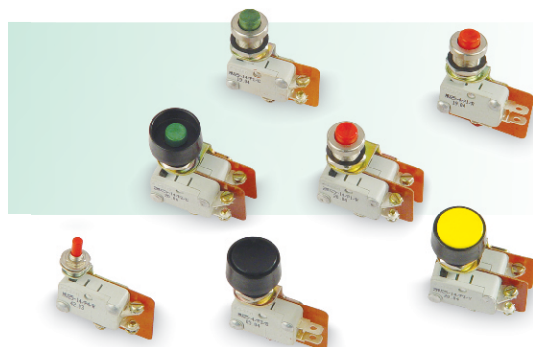


MICRO CONTROL SWITCHES

Series	MV1, MK 3 (P1, P2, P3, P4)
Current Rating	5A
Voltage Rating	250V AC
Contact	1NO + 1 NC, 2 NO + 2NC
Options	Push Button Actuator type P1, P2, P3, P4 Available in Green, Blue, Red, Yellow Black & White colour
Standard Conformity	IEC 1058-1
Protection	IP67 from front available by using sealed Bezel/Button arrangements

MICRO CONTROL SWITCHES

Series	MV16 (P1, P2, P3, P4, P5, P6)
Current Rating	7A
Voltage Rating	250V AC
Contact	1 NO + 1 NC, 2 NO + 2 NC
Option	Push Button Actuator type P1, P2, P3, P4, P5, P6 Available in Green, Blue, Red, Yellow Black & White colour
Standard Conformity	IEC 1058-1
Protection	IP67 in P5 & P6 sealed Button from front



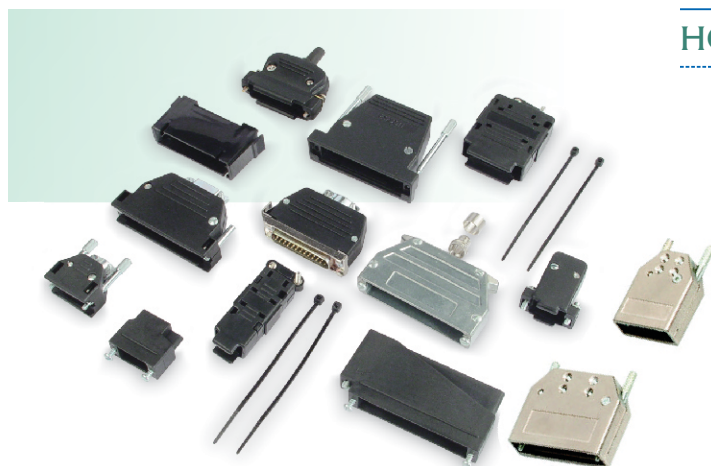
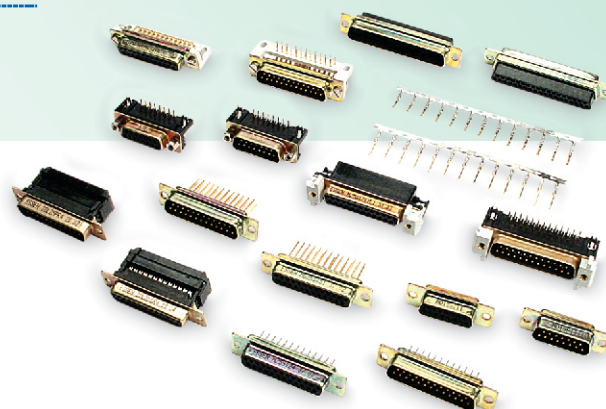
MICRO CONTROL SWITCHES

Series	MV25 (P1, P2, P3, P4)
Current Rating	16A (For Operating Force 400 gms. & 200 gms.) 10A (For Operating Force 100 gms.) 6A (For Operating Force 50 gms.)
Voltage Rating	250V AC
Contact	NO, NC, 1 C/O
Options	Push Button Actuator type P1, P2, P3, P4 Available in Green, Blue, Red, Yellow Black & White colour
Standard Conformity	IEC 1058-1
Protection	IP67 from front available by using sealed Bezel/Button arrangements

www.essendeinki.com

D-SUB CONNECTORS WITH ACCESSORIES CE

Series	M, 863, IDL, C
No. of Contacts	09, 15, 25, 37, 50
Current Rating	5A, 7.5A
Termination Style	Solder Bucket, P.C Straight, Right Angle, Wire Wrap, Crimp, IDC
Material	Insulator - Flame Retardant Thermoplastic Contacts - Copper Alloy
Tested at Approval	LCISO as per JSS 50820 LCISO, BEL, ITI, C-DOT

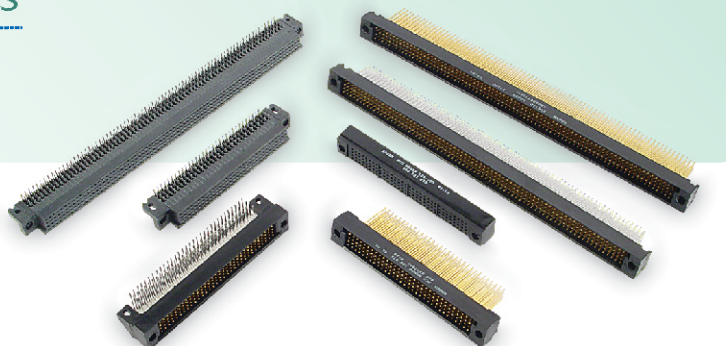


HOODS FOR D-SUB CONNECTORS CE

Series	D, EDH, DP, DPH, DS, DSF, MD
No. of Ways	9, 15, 25, 37, 50
Material	Flame Retardant Thermoplastic / Die Cast Zinc Alloy
Options	Top / Side Cable entry Hoods Data Phone Hoods IDC D-Sub Connector Hoods Snap Fit Hoods Metal Hoods One Piece Hoods Slide Lock Hoods Metalised Plastic hoods ^{New}

4 - ROW HIGH DENSITY CONNECTORS

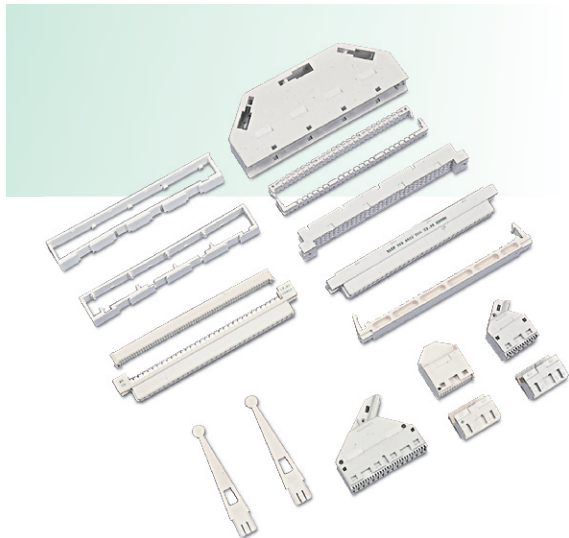
Series	856
No. of Ways	128, 300, 320
Pitch	2.54 mm
Current Rating	3A
Termination Style	Header-Angled / Straight, Wire wrap, Press fit Socket - Angled
Material	Insulator - Flame Retardant Thermoplastic Contacts - Copper alloy
Approval	C-DOT, ITI, Alcatel



DIN 41612 CONNECTORS (EURO & REVERSE EURO CONNECTORS)

CE

Series	854, 855, 857
No. of Contacts	B 16, 32, 64
	B / 2 16, 32
	C 32, 64, 96
	C / 2 16, 32, 48
	M 42 + 6, 60 + 4, 78 + 2
	R 32, 64, 96
	R / 2 16, 32, 48
	M 24 + 8 ^{New}
	HE 11 32, 64, 96
Pitch	2.54 mm, 5.08 mm
Current Rating	3A
Termination Style	Header - Angled / Straight, Wire Wrap, Press fit Socket - Straight, Wire Wrap / Angled, Press Fit
Material	Insulator - Flame Retardant Thermoplastic Contacts - Copper alloy
Tested at	LCSS as per JSS - 50808 CECC 75101 - 801
Approval	LCSS, RDSO, ITI, C - DOT



BACK PANEL CONNECTORS

CE

Series	E2X
No. of Ways	9, 14, 21, 42, 64, 96
Pitch	2.54 mm
Current Rating	1A
Termination Style	26 or 30 AWG discrete or ribbon cables
Material	Insulator - Flame Retardant Thermoplastic Contacts - Copper alloy
Approval	C - DOT

CABLE - CONNECTOR ASSEMBLIES FLAT / DISCRETE

CE

Custom made Flat / Discrete Cable -
Connector Assemblies Comprising of any of the
following Connectors :-

- IDC Sockets
- D - Sub Connectors
- DIP Connectors
- Transition Connectors
- 64 Way Euro Connectors
- 14/21 Way Back Panel Connectors
- 28/42 Way Back Panel Connectors
- 64/96 Way Back Panel Connectors



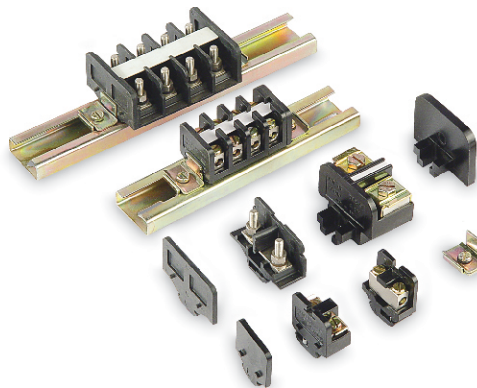
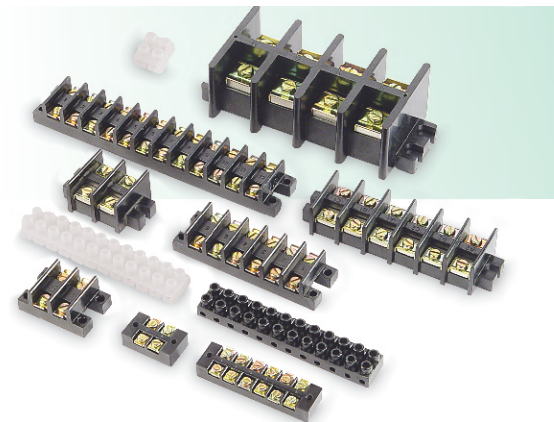


OIL TIGHT LIMIT SWITCHES/LOOM SWITCHES CE

Series	LS, LS OT, SW7/ SW8, LSMS11
Current Rating	10A, 2A, 16A
Voltage Rating	500V AC
Contact	1 NO + 1 NC, 2NO + 1NC, ^{New} 1NO + 2NC, 2NO + 2 NC, 2 NO
Options	Plain / Roller Lever
Standard Conformity	IEC 947-5-1

TERMINAL STRIPS

Series	TPF, TPB
Current Rating	6A, 15A, 30A, 60A, 100A
Voltage Rating	500V AC
No. of Ways	2, 3, 4, 5, 6, 8, 10, 12, 16
Material	Insulator - Thermosetting Terminals - Copper Alloy

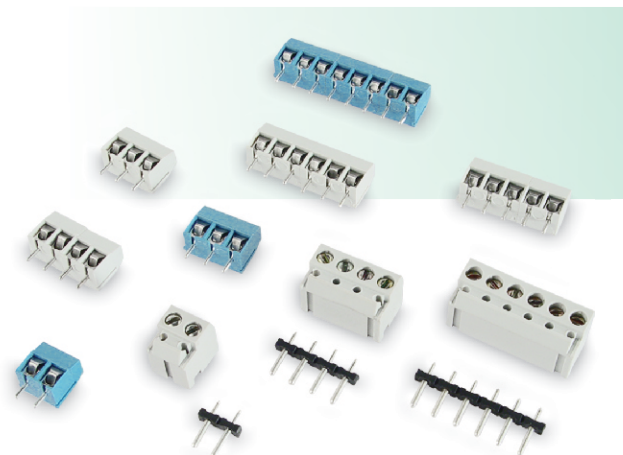


TERMINAL BLOCKS

Series	CB, TB
Current Rating	30A, 40A, 60A, 100A
Voltage Rating	600V AC
Material	Insulator - Thermosetting, Thermoplastic Terminal - Copper Alloy
Options	Available in multiways, mounted on slotted channel.

PCB TERMINAL BLOCKS / PLUG-IN-TERMINAL BLOCKS WITH SCREW CONNECTIONS

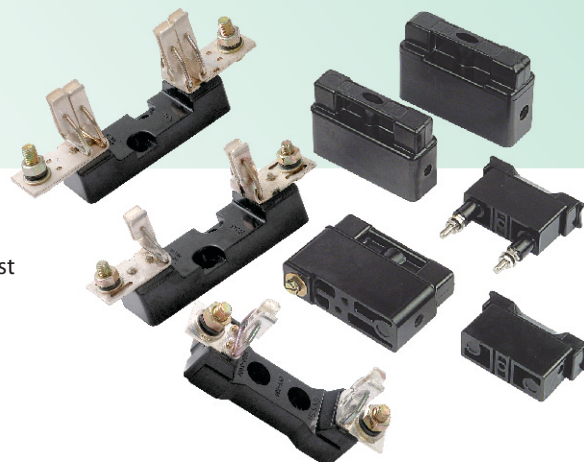
Series	881 / 882, 882H
Current Rating	16A / 15A
Voltage Rating	PCB Terminal Block - 415V AC Plug-in-Terminal Block - 300 / 600V AC
Pitch	5mm, 10mm
Material	Insulator - Thermoplastic Contacts - Copper Alloy
No. of Ways	PCB Terminal Block - 2, 3 Plug-in-Terminal Block - 2, 4, 6
Termination	PCB Terminal Block - Straight / Right Angle Plug-in-Terminal Block - To be plugged on vertical Headers
Option	Available in Grey Colour.



HRC FUSE HOLDERS



Series	F, OFF
Current Rating	Closed Type 32A, 63A, 125A Open Type 160A, 250A, 400A, 630A
Connections	Front, Busbar, Panel Mounting
Type	Closed Type / Open Type
Material	Insulator - Thermosetting Contacts - Copper Alloy
Tested	at LCSO as per JSS 52502
Approval	at CPRI Bhopal for 80KA breaking capacity test as per IS : 13703 Part-2 / Sec.1 LCSO, CACT



PILOT LAMP HOLDERS

Series	JS-7, J-10 & JB-24
Material	Thermosetting
Panel Code	25.4, 19.2mm
Options	Available in Red, Green, Yellow, Blue & Clear Lens



RELAY / TIMER SOCKETS



Series	D, HD, ERS, SR, MRS, CMS, CDS, CDSR
Current Rating	5A, 10A
Voltage Rating	240V AC
Material	Insulator - Thermoplastic Contacts - Copper Alloy
Terminals	Screw, Solder, PCB Mounted
No. of Ways	2 C / O, 3 C / O, 4 C / O
Standard Conformity	EN 60947-5-1 IEC 947-5-1



SWITCH MODE POWER SUPPLY



Series	EPS
Power Rating	15W to 500 W
Input Voltage	85-130V AC / 190-270V AC (Switch selectable)
Output Voltage	24V DC, 12V DC, 5V DC
Protection	Over-Load as well as short circuit
Mounting	Side and bottom with screw / Din Rail



ELECTRICAL PRODUCTS



LED MODULE PILOT LIGHTS



Series	LM, SLM, EL
Material	Thermoplastic
Panel Cutout Size	8, 10, 13, 16, 19, 22.5, 25.5, 30.5 mm
Colours	Available in Red, Green, Yellow, White Blue, Amber and Clear lens Bi-colour, Tri-colour & Flasher LED Modules are also available in SLM Series
Options	LVGP/ Surge Protection
Tested	ETDC / ARAI
Voltage	12, 24, 48, 110, 220, VDC 12, 24, 48, 110, 220, 415VAC 24 - 220 VAC/DC (Multi Voltage)

PUSH BUTTON SWITCHES



Series	PB2
Type of Contacts	NO, NC, NO + NC, NO + NO, NC + NC
Actuator availability	Flush Type, Projecting, Booted, Mushroom Head Key Switches, Selector Switches, Illuminated Push Button Switches
Actuator Colour Optional	White, Black, Red, Green, Yellow & Blue
Type of Operations	Spring Return, Stay Put
Cut-out size	22.5 mm.
Standard Conformity	IEC 947-5-1 EN 60947-5-1



PUSH BUTTON SWITCHES

SNAP FIT
PLASTIC TYPE



Series	PB5
Type of Contacts	NO, NC, NO + NC, NO + NO, NC + NC
Actuator availability	Flush Type, Projecting, Booted, Mushroom Head Key Switches, Selector Switches, Illuminated Push Button Switches
Actuator Colour Optional	White, Black, Red, Green, Yellow & Blue
Type of Operations	Spring Return, Stay Put
Cut-out size	22.5 mm.
Standard Conformity	IEC 947-5-1 EN 60947-5-1

PUSH BUTTON SWITCHES



Series	PB7
Type of Contacts	NO, NC, C/O
Actuator Colour Optional	Black, Red, Green, Yellow & Blue
Type of Operations	Spring Return, Push & Push to Release
Cut-out size	22.5 mm.
Standard Conformity	IEC 947-5-1 EN 60947-5-1



www.essendeinki.com

DIGITAL PANEL METERS

Series	EDM
Range	1 Ø Volt meter (AC or DC) 1 Ø Ammeter (AC or DC) 3 Ø Volt meter 3 Ø Ammeter Energy Meter Frequency Meter
Size	48x96 mm as well as 96x96mm
Accuracy	Class 0.5/Class 1.0
Adapter	For fitment of 48 x 96 mm meters into 96 x 96 mm cut outs



SLEEK 22.5MM DIN RAIL TIMERS

Series	ET225
Operation Mode	ON Delay, Interval ON, Cyclic Equal, Star Delta.
Supply Voltage	110V, 240V or 415V AC 110V OR 220V DC OR 24V AC/DC. Multivoltage 24-240V AC/DC.
Time Range	For Single Time Range Timer. 3, 15, 60 seconds 3, 15, 60 minutes 3, 10 hours. For Multi-range 15 Sec, 60 Sec., 8 Min, 64 Min.
Relay Contact Rating	1 C/O, 2 C/O contacts rated for switching 5 A @ 230V AC/24V DC.
Mounting	35mm DIN rail mounting or screw mounting
Size	22.5 (W) x 75 (H) x 105 (D)

DIGITAL TEMPERATURE CONTROLLERS

Series	ETC 601
Supply voltage	240V AC in 96x96 and 72x72 mm sizes: Universal auxiliary input voltage 85-265V AC/DC in 48x48 mm bezel size.
Control Mode	ON-OFF Control/PID Control.
Output Relay	1 NO relay, 8A @ 240V AC/28V DC.
Alarm Output	1 C/O Relay 2A @ 240V AC/28V DC.
Display	4 green high brightness seven segment LEDs for Process Value (PV), 4 red high brightness seven segment LEDs for Set Value (SV)
Power	4 Watts maximum on auxiliary supply.
Bezel Size	48x48mm, 72x72mm & 96x96mm.
Mounting	2 polycarbonate flush mounted clamps for panel mounting



NEW PRODUCTS



E-LINE CONNECTORS

2.0 mm PCB CONNECTORS, Fully Shrouded

ES/EH - SERIES

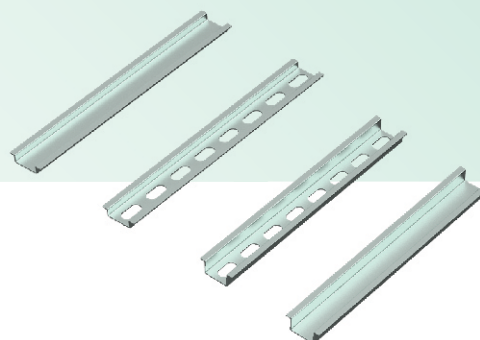


This Connector range as designed to conform with the dimensional requirements of BS-9525S-F0033, with high reliable contacts for signal transmission without loss of data. The headers and sockets are fully shrouded and polarised and are available with latching feature if required.

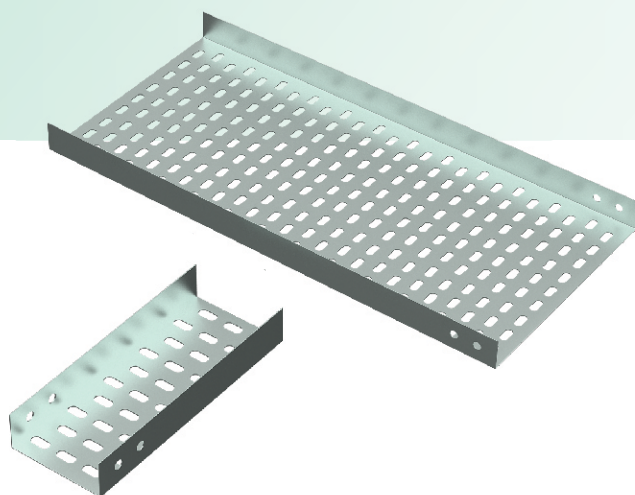
Material	Glass-filled Thermoplastic, UL 94V-0, Black.
Contacts	Copper alloys
Current Rating	3.0 Amps. (Max.)
No of Contacts	
Single Row Male / Female	02,03,04,05,06,07,08 & 10
Double Row Male / Female	04,06,08,10,12,14,16,26 & 34
Lock	Friction lock Latches / Positive Lock Latches
Termination Style	Straight / Angled Dip Solder

DIN RAIL

Series	:	RM
Type	:	Perforated / Unperforated
Length	:	1 Mtrs. / 2 Mtrs.
Size	:	35 x 7.5mm. / 35 x 15 mm



CABLE TRAYS



Type	:	Perforated type Ladder type
Material	:	Mild Steel / Stainless Steel / G.I. Sheet etc.
Size	:	Length 2500mm to 3000 mm Width 25 mm to 1000 mm Depth 20 mm to 150 mm Thickness 1 mm to 3 mm
Finish	:	Painted / Hot Dip Galvanized



EsSEN Deinki

Connectors, Switches & Solutions.

22, Industrial Area, Phase - II, Chandigarh - 160002 (INDIA)
Tel. : +91 172 - 4600600 (10 Lines) Fax : +91 172 - 4600666
E-mail : info@essendeinki.com Website : www.essendeinki.com

NORTH

Delhi Tel. : +91 11 41619051-53
Mob. : +91 9818851433
Mob. : +91 9717311433
Telefax : +91 11 26217060

Roorkee Mob. : +91 9897406777

Rudrapur Mob. : +91 9760014577

Kanpur Mob. : +91 9935060348

EAST

Kolkatta Tel. : +91 033 40681157
Mob. : +91 9831829770
Mob. : +91 9331072267
Telefax : +91 033 40681147

Orissa

Mob. : +91 9178382005

SOUTH

Chennai Mob. : +91 9382127856
Telefax : +91 44 24420239

Hyderabad Tel. : +91 040 42007376
Mob. : +91 9866500285
Mob. : +91 9849722477
Telefax : +91 40 42007377

Bangalore Tel.: +91 80 22253219
Fax : +91 8022280497
Mob. : +91 98450-82841

WEST

Mumbai Tel. : +91 22 42660107
Mob. : +91 9322649960
Mob. : +91 9867269177
Telefax : +91 22 42000108

Aurangabad Mob. : +91 9764004709

Ahmedabad Mob. : +91 9974096277

Bhopal Mob. : +91 9981511577

Pune Mob. : +91 7709045177