

Email:info@rfconnector.in



SYNERGY TELECOM PVT LTD



Commitment to Quality:

At Synergy Auto Electrical Connector ,quality and customer satisfaction are our top priorities. We adhere to the highest industry standards and regulations to ensure that every project is executed with precision and safety. Our team undergoes regular training and professional development to stay updated with the latest techniques, technologies, and safety protocols.

Client Relationships:

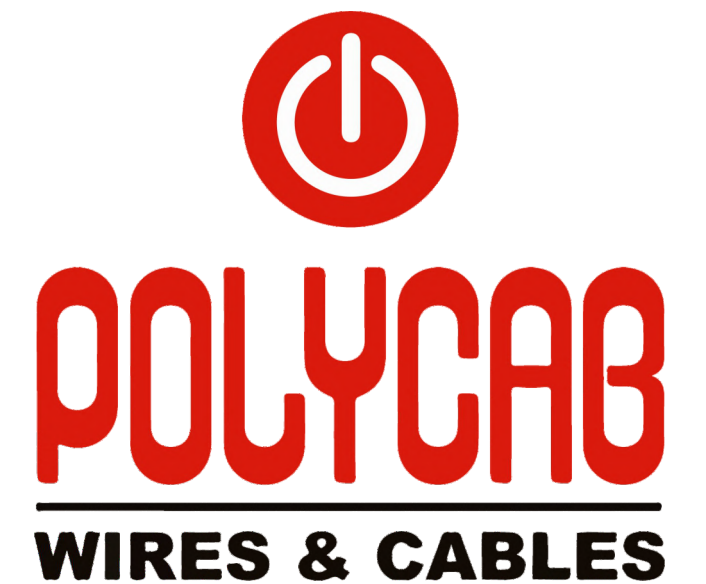
Over the years, we have forged long-lasting relationships with our valued clients. We attribute this to our commitment to delivering exceptional service, transparent communication, and personalized solutions. Our client-centric approach ensures that we understand their unique requirements, exceed expectations, and foster trust through every project.

Contact Information:

To learn more about our services or discuss your electrical needs, please contact us at:

Synergy Auto Electrical connector MOB:7217885948, 7217885947







Appreciating Quality Automation



**AKALMAND
BANO,
SAHI CHUNO.**



BUILDING WIRES



INDIA'S ONLY WIRE WITH
REACH • RoHS
CE • CPR Compliant



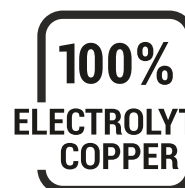
ANTI-RODENT
ANTI TERMITE



HIGHER
INSULATION
RESISTANCE



MORE THAN
101%
CONDUCTIVITY

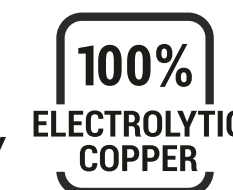


100%
ELECTROLYTIC
COPPER

**AKALMAND
BANO,
SAHI CHUNO.**



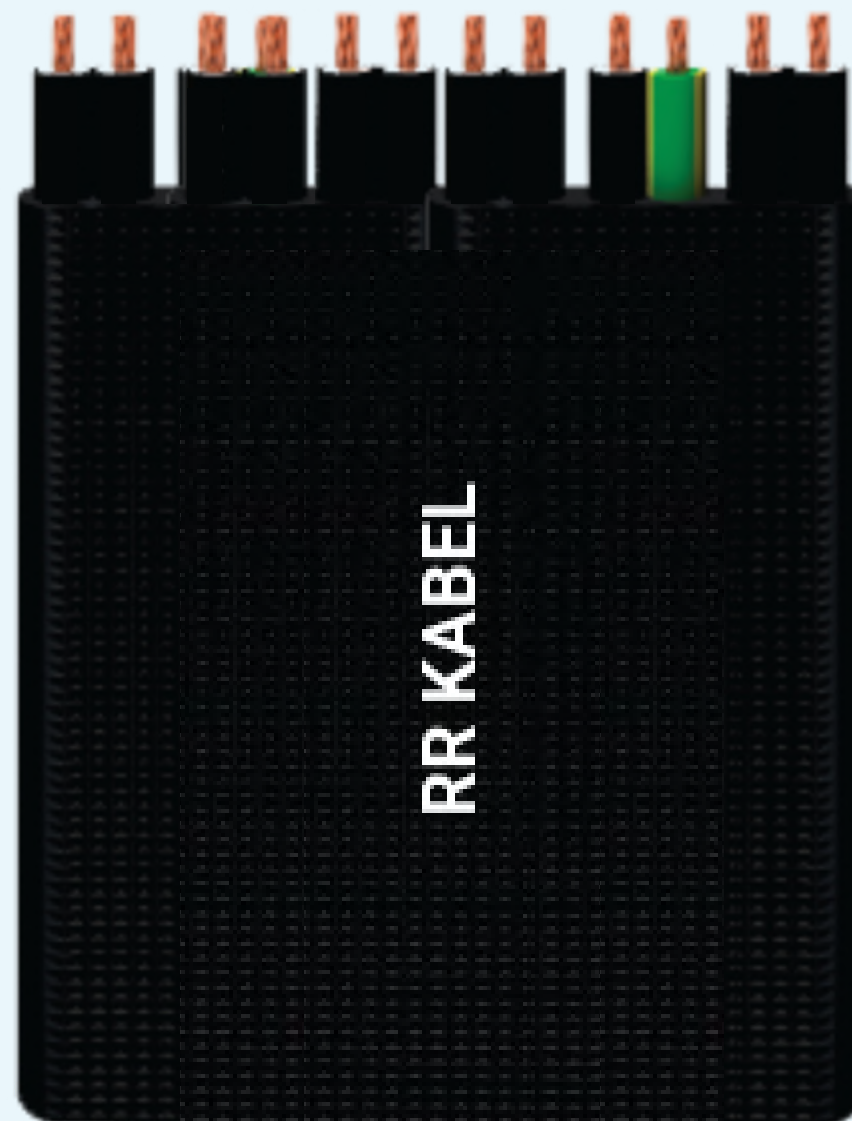
INDIA'S ONLY WIRE WITH
REACH • RoHS
CE • CPR Compliant



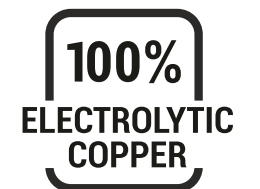
**809
483
509
8**

INDUSTRIAL CABLES

**AKALMAND BANO,
SAHI CHUNO.**



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CE • CPR Compliant

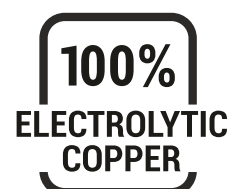


ELEVATOR CABLE

ONLY THE BEST SUBMERSIBLE CABLES CAN WITHSTAND THE HARSHTEST CONDITIONS.

- PVC & XLPE Insulation
- Electrolytic Grade
Annealed Copper
- Better Conductivity

INDIA'S ONLY WIRE WITH
REACH • RoHS
CE • CPR Compliant



AKALMAND BANO, SAHI CHUNO.

Low Smoke Zero Halogen
& Flame Retardant

Fire Alarm Cables

Certified with
REACH | ROHS | CE

**AKALMAND
BANO,
SAHI CHUNO.**



INDIA'S ONLY WIRE WITH
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CE • CPR Compliant



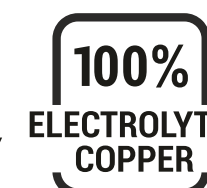
ANTI-RODENT
ANTI TERMITE



HIGHER
INSULATION
RESISTANCE



MORE THAN
101%
CONDUCTIVITY



100%
ELECTROLYTIC
COPPER

ELECTRICAL DIVISION

- WIRES & CABLES
- RIGID PVC CONDUIT PIPES & FITTINGS
- PVC CASING & CAPPING
- PVC CABLE MANAGEMENT SYSTEM



INDIA'S ONLY WIRE WITH
REACH • RoHS
CE • CPR Compliant



PVC WIRING CHANNEL



RIGID PVC CONDUITS & FITTINGS

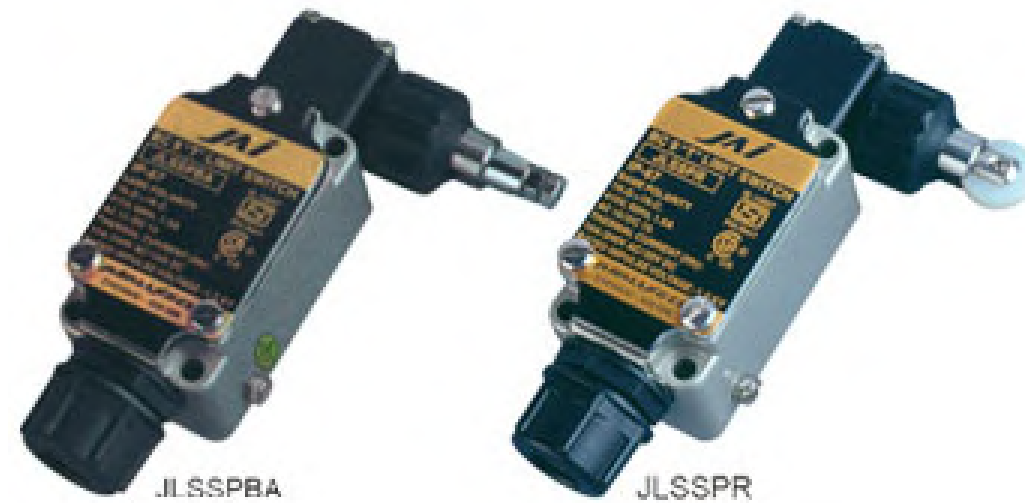


S.No.	Item Description	Item Specification/Standard	Dimensions Available
1	Rigid PVC Conduit Pipes	IS: 9537/Part-3	20 mm, 25 mm, 32 mm, 40 mm, 50 mm, 63 mm (Light/Medium, Heavy)
2	PVC Conduit Pipe Fittings. Bends/Junction box/Saddles etc.	IS: 3419-1988	20 mm-63 mm

CORRUGATED FLEXIBLE CONDUITS



BC 9 "T" Limit Switches



JLSSPBA

JLSSPR



JLSLA



JLSL-2



JLSNCW



JLSSCW



JLSTPR



JLSTPB



JLSTPBA



JLSLF



B3 SERIES MINIATURE MICRO SWITCHES



FEATURES

- ✓ Compliant with IEC 60947-5-1
- ✓ Silver contact
- ✓ Beryllium copper spring
- ✓ Highly Reliable

TECHNICAL SPECIFICATION

- ✓ Rating : 10A/250V AC
- ✓ Contact : SPDT
- ✓ Contact Material : Silver Contact
- ✓ Spring : Beryllium Copper
- ✓ Terminal : Brass
- ✓ Body Material : FR Grade PBT

TERMINALS



Screw (B3A)



Solder (B3B)



Q.C. (B3C)

Pin Plunger (Basic)



Stimulated Lever (Medium)



Plain Lever (Short)



Plain Leaf Lever (Short)



Plain Lever (Medium)



Roller Leaf Lever (Short)



Plain Lever (Extended)



Z Lever (Long)





B3 SERIES MINIATURE MICRO SWITCHES



FEATURES

- ✓ Compliant with IEC 60947-5-1
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TECHNICAL SPECIFICATION

- ✓ Rating : 10A/250V AC
- ✓ Contact : SPDT
- ✓ Contact Material : Silver Contact
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- ✓ Terminal : Brass
- ✓ Body Material : FR Grade PBT

TERMINALS



Screw (B3A)



Solder (B3B)



Q.C. (B3C)

Plain Lever
(Extra Extended)



Roller Lever (Short)



Roller Lever (Medium)



V Notch Lever (Medium)



Finger Push Button
(Single Pole)



Finger Push Button
(Double Pole)



Push Button (Single Pole)



Push Button
(Double Pole)





B1 SERIES MICRO STANDARD SWITCHES



FEATURES

- ✓ Compliant with IEC 60947-5-1
- ✓ Silver contact
- ✓ Beryllium copper spring
- ✓ Highly Reliable

TECHNICAL SPECIFICATION

- ✓ Rating : 15A/250V AC
- ✓ Contact : SPDT
- ✓ Contact Material : Silver Contact
- ✓ Spring : Beryllium Copper
- ✓ Terminal : Brass
- ✓ Body Material : FR Grade PBT

TERMINALS



FIN-TYPE
(5AMP)



QC-TYPE
(10AMP)



T-TYPE
(15AMP)



Description	Pin Plunger (Basic)	Plain Lever (Long)	Roller Lever (Short)	Roller Lever (Long)
Terminals	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw
Order Code	FIN-01 / Q-01 / T-01	FIN-02 / Q-02 / T-02	FIN-03 / Q-03 / T-03	FIN-04 / Q-04 / T-04



Description	Plain Leaf (Flexible)	Roller Leaf (Flexible)	Finger Push Button	Overtravel Plunger (Compact)
Terminals	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw
Order Code	FIN-05 / Q-05 / T-05	FIN-06 / Q-06 / T-06	FIN-07 / Q-07 / T-07	FIN-08 / Q-08 / T-08



B1 SERIES MICRO STANDARD SWITCHES



FEATURES

- ✓ Compliant with IEC 60947-5-1
- ✓ Silver contact
- ✓ Beryllium copper spring
- ✓ Highly Reliable

TECHNICAL SPECIFICATION

- ✓ Rating : 15A/250V AC
- ✓ Contact : SPDT
- ✓ Contact Material : Silver Contact
- ✓ Spring : Beryllium Copper
- ✓ Terminal : Brass
- ✓ Body Material : FR Grade PBT

TERMINALS



FIN-TYPE
(5AMP)



QC-TYPE
(10AMP)



T-TYPE
(15AMP)



Description	Overtravel Plunger (Extended)	Panel Mount Plunger	Panel Mount Roller Plunger (Cross)	Panel Mount Roller Plunger (Across)
Terminals	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw
Order Code	FIN-09 / Q-09 / T-09	FIN-10 / Q-10 / T-10	FIN-11 / Q-11 / T-11	FIN-12 / Q-12 / T-12



Description	Plain Lever (Short) (R.A.)	Roller Lever (Short) (R.A.)	Plain Lever (Medium) (R.A.)	Roller Lever (Medium) (R.A.)
Terminals	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw
Order Code	FIN-13 / Q-13 / T-13	FIN-14 / Q-14 / T-14	FIN-15 / Q-15 / T-15	FIN-16 / Q-16 / T-16



B1 SERIES MICRO STANDARD SWITCHES



FEATURES

- ✓ Compliant with IEC 60947-5-1
- ✓ Silver contact
- ✓ Beryllium copper spring
- ✓ Highly Reliable

TECHNICAL SPECIFICATION

- ✓ Rating : 15A/250V AC
- ✓ Contact : SPDT
- ✓ Contact Material : Silver Contact
- ✓ Spring : Beryllium Copper
- ✓ Terminal : Brass
- ✓ Body Material : FR Grade PBT

TERMINALS



FIN-TYPE
(5AMP)



QC-TYPE
(10AMP)

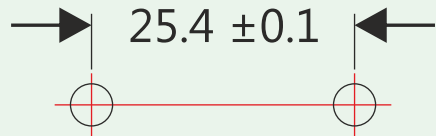


T-TYPE
(15AMP)

				
Description	Plain Lever (PVC) (R.A.)	Panel Mount Roller Plunger (Auxiliary)	Panel Mount Plunger (Auxiliary)	Plain Lever (Short) (Plastic)
Terminals	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw	Solder / Q.C. / Screw
Order Code	FIN-17 / Q-17/ T-17	FIN-18 / Q-18 / T-18	FIN-19 / Q-19 / T-19	FIN-20 / Q-20 / T-20

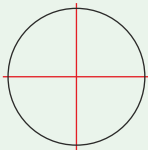
	
Description	Overtravel Plunger (Sp. Extended)
Terminals	Screw
Order Code	BMS-7

Mounting All Dimension are in mm



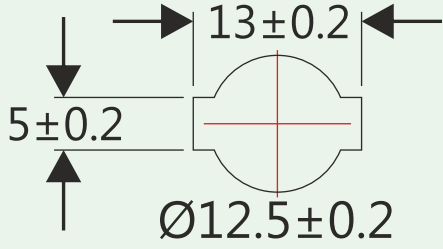
25.4 ±0.1

Two 4.2 Dia. Mounting Holes or M4



Ø12.5±0.2

Panel Mount Plunger



13±0.2

5±0.2

Ø12.5±0.2

Panel Mount Roller Plunger



AZ SERIES MICRO SWITCHES

RoHS
compliant



FEATURE

- ✓ Compliant with IEC 60947-5-1
- ✓ Rugged & Highly Reliable design
- ✓ Quick MAKE & BREAK action

TECHNICAL SPECIFICATION

- ✓ Rating : 10A/250V AC
- ✓ Contact : SPDT
- ✓ Contact Material : Bi- Metal
- ✓ Terminal : Brass
- ✓ Terminal Type : Screw
- ✓ Body Material : Glass Field Nylon

ORDER CODE (Standard Packing : 10 No. Per Box)

Description	Overtravel Plunger (Compact)	Overtravel Plunger (Extended)	Panel Mount Plunger	Panel Mount Roller Plunger (Cross)
Order Code	AZ-7100	AZ-7110	AZ-7310	AZ-7311

Description	Panel Mount Roller Plunger (Across)	Roller Lever (Short)	Roller Lever (Medium)	Double Roller Lever (Short)
Order Code	AZ-7312	AZ-7141	AZ-7121	AZ-7144

			Mounting All Dimension are in mm Two 4.2 Dia. Mounting Holes or M4 Panel Mount Plunger Panel Mount Roller Plunger <td data-kind="parent" data-rs="3"></td>	
Description	Double Roller Lever (Medium)	Wobble Lever		
Order Code	AZ-7124	AZ-7166		



FEATURE

- ✓ Compliant with IEC 60947-5-1
- ✓ Rugged & Highly Reliable design
- ✓ Quick MAKE & BREAK action

TECHNICAL SPECIFICATION

- | | | | |
|--------------------|---------------|-----------------|---------------------|
| ✓ Rating | : 10A/500V AC | ✓ Terminal | : Brass |
| ✓ Contact | : DPDT-CO | ✓ Terminal Type | : Screw |
| ✓ Contact Material | : Bi- Metal | ✓ Body Material | : Glass Field Nylon |

ORDER CODE (Standard Packing : 10 Nos. Per Box)

				
Description		Plunger (Open Type)	Push Rod (Open Type)	Plunger (Protective Cover)
Order Code	Normal	BML-001	LSO	LSO-001
	Snap	BMLS-001	LSOS	LSOS-001

				
Description		Push Rod (Protective Cover)	BLS & BCL Element (Protective Cover)	BLS & BCL Element (Protective Cover)
Order Code	Normal	LSO-ES		
	Snap	LSOS-ES	BSE	CSE



AC AXIAL FAN



4"

120 x 120 x 38 mm

REC - 22038 A2 T

REC - 22038 B2 T

REC - 22038 A2 W

REC - 22038 B2 W



6"

172 x 172 x 55 mm

REC - 27255 A2 W

REC - 27255 B2 W



6"

Ø172 x 150 x 51 mm

REC - 21725 A2 W

REC - 21725 B2 W



8"

220 x 220 x 60 mm

REC - 22060 S A2 W

REC - 22060 S B2 W



PMCM SERIES RELAYS

TECHNICAL SPECIFICATIONS			
TYPE		PMCM	
TERMINAL TYPE		PCB / Plug In	
CONTACT CONFIGURATION		1C	2C
RATED CARRYING CURRENT (RESISTIVE) AT 30 VDC / 240 VAC		12A & 16A	8A
CONTACT MATERIAL		Silver alloy	
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω	
COIL NOMINAL VOLTAGES	DC	12-24 V	
	AC	240 V @50Hz	
OPERATING POWER (MIN-MAX) FOR DC COIL		0.53 - 0.55 W	
OPERATING POWER (MIN-MAX) FOR AC COIL		0.65 VA	
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	1000 V _{RMS}	
	COIL TO CONTACT	5000 V _{RMS}	
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		1000 MΩ	
OPERATE TIME (MAX)		20 ms	
RELEASE TIME (MAX)		10 ms	
AMBIENT TEMPERATURE		-20°C To +70°C	
ELECTRICAL LIFE (NO OF OPERATIONS)		10 ⁵	
MECHANICAL LIFE (NO OF OPERATIONS)		10 ⁶	
ALL DIMENSIONS ARE IN MM (W X L X H) APPROX.		12.7 x 29.0 x 20.4(+4.0)	
MAX WEIGHT IN GRAMS (APPROX.)		20 gms	
INBUILT FEATURE		LED	
STANDARDS		IEC 61810-1	



SALIENT FEATURES
• SUB Miniature
• PCB Mountable
• High Capacity
• Low Profile
• Suitable for Relay Module



PMY SERIES RELAYS

TECHNICAL SPECIFICATIONS				
PARAMETERS		TYPE		
TERMINAL TYPE		Plug In		
CONTACT CONFIGURATION		2C	3C	4C
RATED CARRYING CURRENT (RESISTIVE) AT 30 VDC/250 VAC		6A & 10A	6A & 10A	6A
RATED CARRYING CURRENT (RESISTIVE) AT 220 VDC (RELAY WITH ARC SUPPRESSOR)		6A [*]	—	—
MAX.PEAK INRUSH CURRENT (20ms)		30A & 60A	30A & 60A	30A
CONTACT MATERIAL		Silver alloy		
INDUCTIVE LOAD		1/2 HP at 277 VAC (10A Relay) 1 HP at 277 VAC (6A Relay)		
INITIAL CONTACT RESISTANCE		0.050 Ω		
COIL NOMINAL VOLTAGES	AC Coil	12-240 VAC @50Hz/ 60Hz*		
	DC Coil	12-250 VDC		
PICKUP VOLTAGE		80% maximum		
RELEASE VOLTAGE		10% minimum		
OPERATING POWER (MIN - MAX)	DC Coil	0.89W - 1.15 W		
	AC Coil	1.10VA - 1.25VA		
MAXIMUM SWITCHING VOLTAGE		24 VDC / 250 VAC		
MAX SWITCHING CAPACITY (POWER RATING)		2500VA (10A)	1500VA (6A)	1500VA (6A)
DIELECTRIC STRENGTH	BETWEEN OPEN CONTACT	1000 VRMS (Same Polarity)		
	BETWEEN COIL & CONTACT	2000 VRMS		
INSULATION RESISTANCE AT 500 VDC AT 27°C & 50% RH		100 MΩ		
OPERATE TIME (MAX)		20 ms		
RELEASE TIME (MAX)		10 ms		
RELEASE TIME WITH DIODE (Max)		20 ms		
AMBIENT TEMPERATURE		-40°C To +70°C		
IMPULSE WITHSTAND VOLTAGE		5kV 1.2/50 μs.(AS PER IEC 60255-5)		
ELECTRICAL LIFE (NO OF OPERATIONS)		10 ⁵		
MECHANICAL LIFE (NO OF OPERATIONS)		2 x 10 ⁶		
SHOCK RESISTANCE		Destruction : 1000m/s Operative Extremes 150m/s^2		
VIBRATION RESISTANCE		Destruction : 10-55Hz amplitude : 0.5mm Malfunction :10-55Hz amplitude : 0.5mm		
PROTECTION DEGREE		IP 40 / RT 1		
ALL DIMENSIONS ARE IN MM (W X L X H) APPROX.		21.5 x 28 x 35.5(+7)		
MAX WEIGHT IN GRAMS (APPROX.)		37 gms		
INBUILT FEATURE		LED		
OPTIONAL FEATURES		Diode,Manual Test Button, Mechanical Switching Position Indicator		
STANDARDS		IEC 61810-1 ,CE		



PMY with Flag



PMY Without Flag

(Photo For Representation Purpose Only)



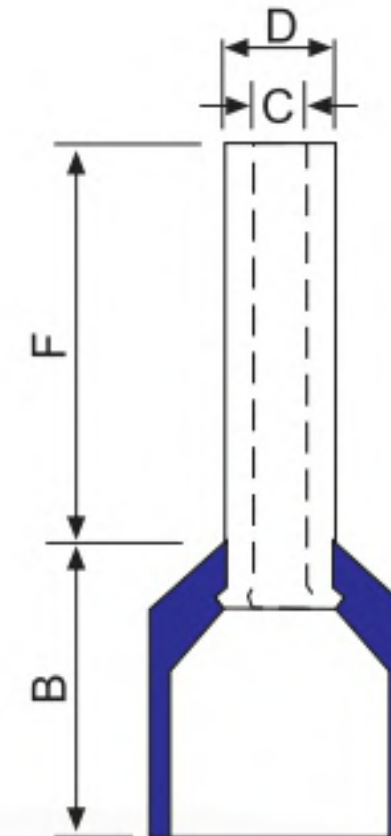
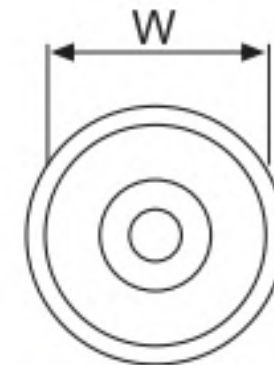
- SALIENT FEATURES**
- Miniature Industrial Relay
 - Long Life & High Reliability
 - Dust Protected
 - With Led Indicator
 - Sockets available



PLUG-IN RELAYS

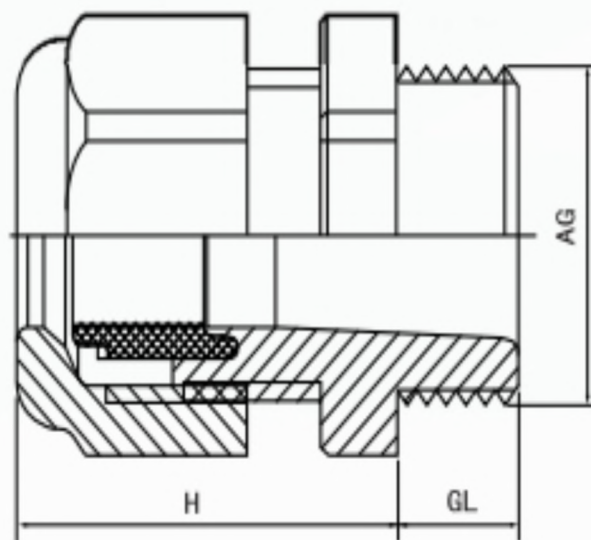


PIN TYPE THIMBLE



Material
Insulation : Nylon
Terminal Body : Copper
Plating : Tin

PG THREAD CABLE GLANDS



Material : Nylon(PA)

Sealing Element :NBR

Protection level : IP68

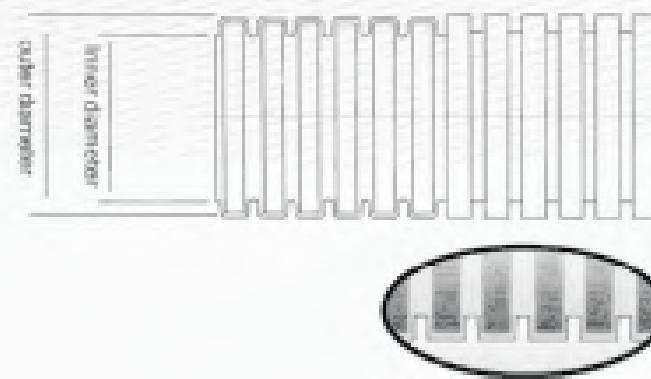
Ambient temperature : static-40°C-100°C, short 120°C

dynamic -20°C-80°C, short 120°C

Colour : ☐ White ☒ Grey ☐ Black



NYLON CABLE HOSE & GLANDS



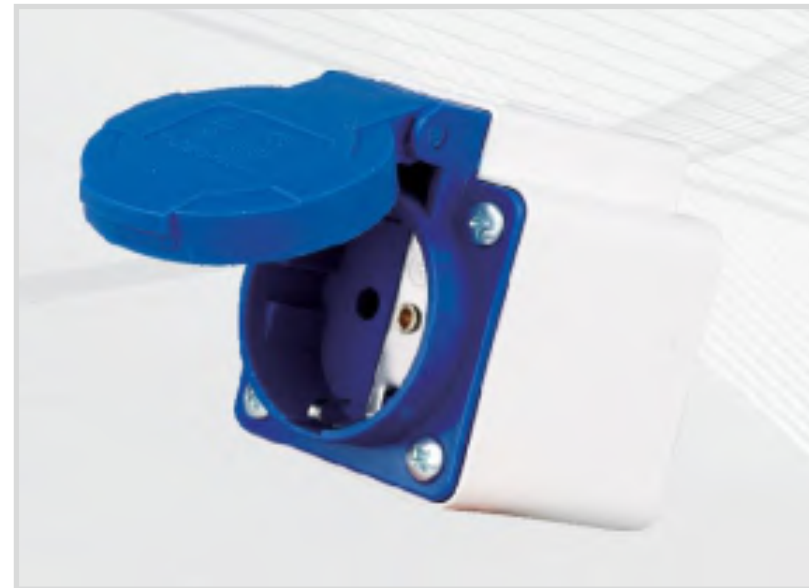
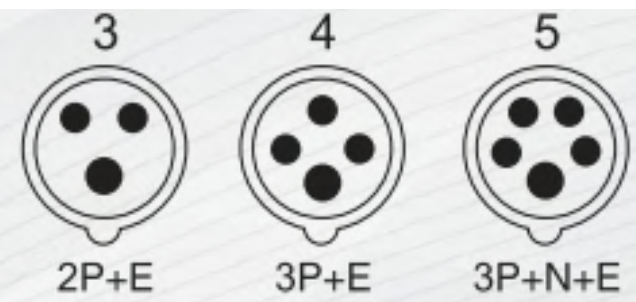
Material : Nylon

Colour : Black

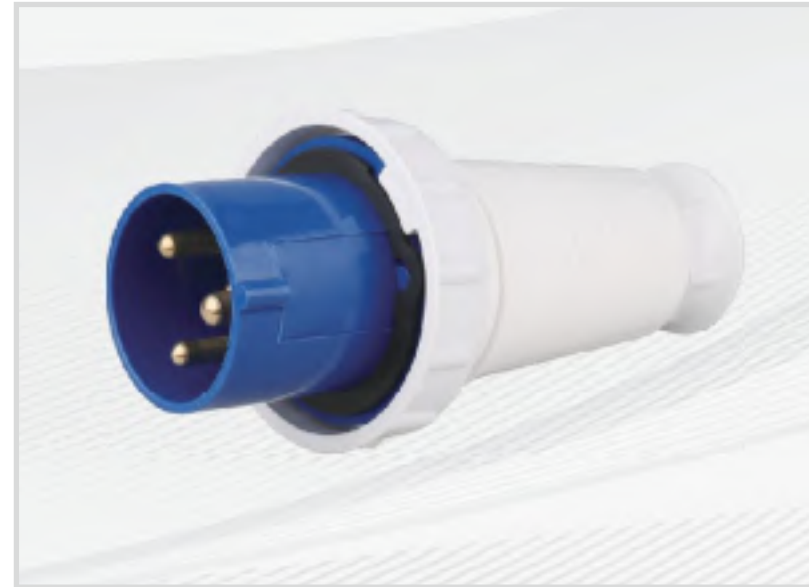
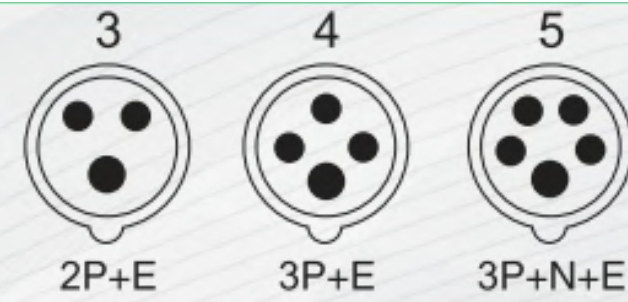
Temperature: static-40°C-115°C, short 150°C

Structure : Wavy (Internal + External)

INDUSTRIAL WALL SOCKETS



INDUSTRIAL PLUG



DISTRIBUTION BOX

WATERPROOF SWITCHES & SOCKETS

Model	Specification
JG-1WAY	1 Way Switch IP65
JG-1WAY	1 Way Socket IP65
JG-2 WAY	1 Way Switch With Socket IP65
JG-2 BELL	1 Way Bell Push



56CB SERIES MCB BOX

Model	Specification
JG-56CB4N	4 Way Mcb Box With Indicator
JG-56CB8N	8 Way Mcb Box With Indicator
JG-56CB4N A	4 Way Mcb Box With Indicator and 15A 3 Pin Socket
JG-56CB8N A	8 Way Mcb Box With Indicator and 32A 5 Pin Socket



DISTRIBUTION BOX



HT SERIES - DISTRIBUTION BOX

Panel is the ABS material for the engineering, high strength, never change color, the transparent material is PC.

Cover push-type opening and closing

Face covering of the distribution box adopts the push-type opening and closing mode, the face mask can be opened by pressing lightly, the self-locking positioning hinge structure is provided when opening.

Wiring design of the power distribution box

The guide rail support plate can be lifted to the highest movable point, it is no longer limited by the narrow space when installing the wire. To install easily, the switch of the distribution box is set up with the wire groove and wire pipe exit-holes, which are easy to use for a variety of wire grooves and wire pipes.



Model	Dimensions		
	L(mm)	W (mm)	H (mm)
JG-HT-2P	57	124	70
JG-HT-5P	119	159	90
JG-HT-12P	255	198	108
JG-HT-18P	363	198	108
JG-HT-24P	363	280	108

HEAVY DUTY CONNECTOR



ROUND CONNECTOR MILITARY COLOUR

Model	Specification
JG - P2002	20mm 2Pin Round Metal Connector - Military Color
JG - P2003	20mm 3Pin Round Metal Connector - Military Color
JG - P2004	20mm 4Pin Round Metal Connector - Military Color
JG - P2005	20mm 5Pin Round Metal Connector - Military Color
JG - P2007	20mm 7Pin Round Metal Connector - Military Color
JG - P2804	28mm 4Pin Round Metal Connector - Military Color
JG - P2807	28mm 7Pin Round Metal Connector - Military Color
JG - P3212	32mm 12Pin Round Metal Connector-Military Color
JG - P3214	32mm 14Pin Round Metal Connector-Military Color
JG - P4820	48mm 20Pin Round Metal Connector-Military Color
JG - P4826	48mm 26Pin Round Metal Connector-Military Color
JG - P5530	55mm 30Pin Round Metal Connector-Military Color
JG - P5535	55mm 35Pin Round Metal Connector-Military Color



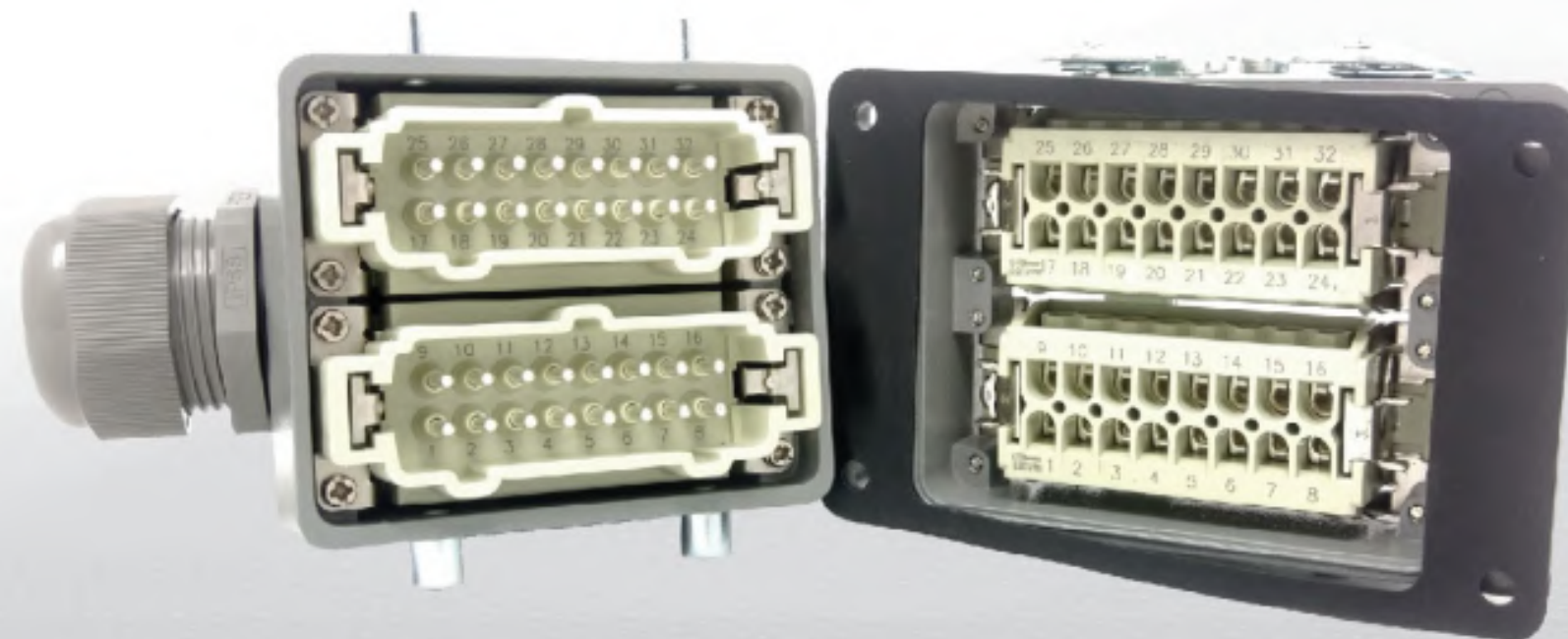
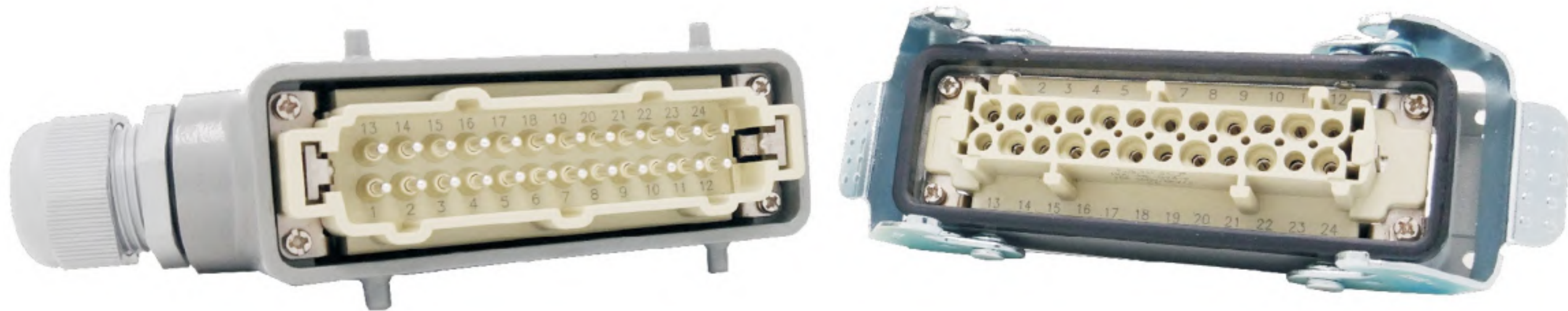
HEAVY DUTY CONNECTOR

BOTTOM OPEN TYPE

Model	Specification
JG - HE004	4 Pin Rectangle Metal Plug & Socket
JG - HE006	Side Open 6 Pin Metal Plug & Socket Bottom Open
JG - HE010	Side Open 10 Pin Metal Plug & Socket Bottom Open
JG - HE016	Side Open 16 Pin Metal Plug & Socket Bottom Open
JG - HE024	Side Open 24 Pin Metal Plug & Socket Bottom Open
JG - HE032	Side Open 32 Pin Metal Plug & Socket Bottom Open
JG - HE048	Side Open 48 Pin Metal Plug & Socket Bottom Open
JG - HE064	Side Open 64 Pin Metal Plug & Socket Bottom Open

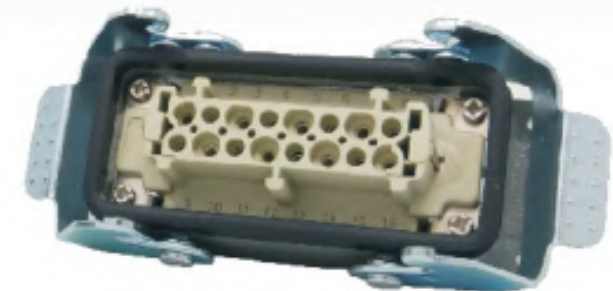


HEAVY DUTY CONNECTOR

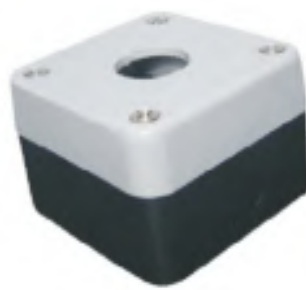




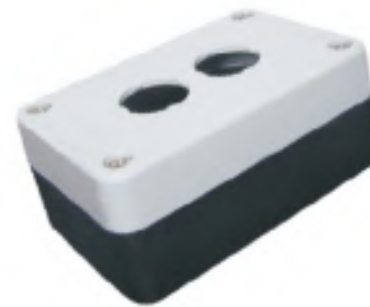
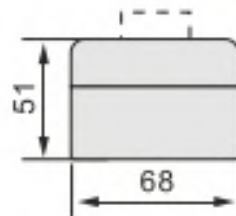
HEAVY DUTY CONNECTOR



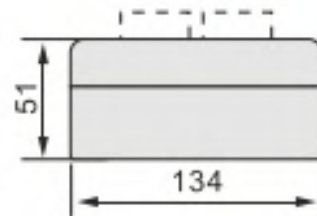
Empty Box



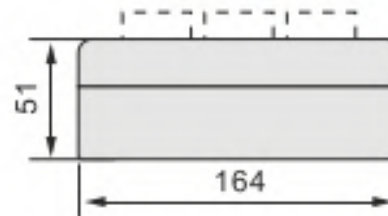
JG-XAL-B01



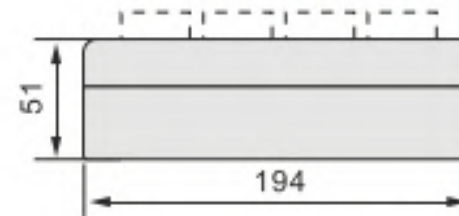
JG-XAL-B02



JG-XAL-B03



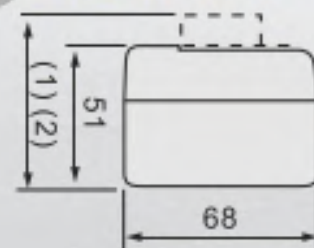
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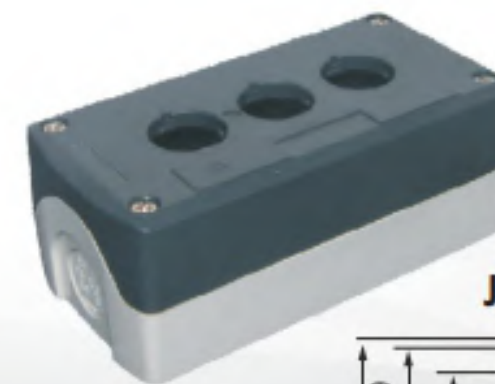
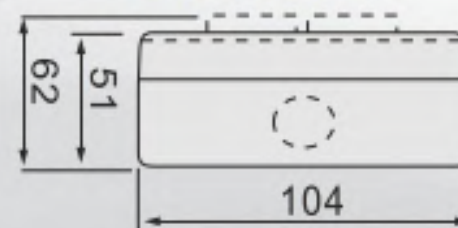
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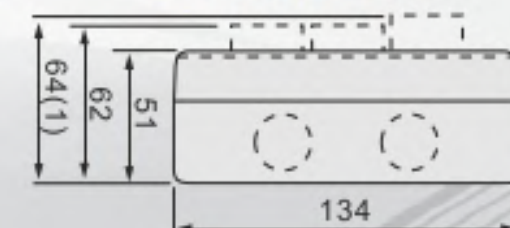
JG-XAL-D01



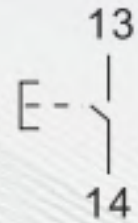
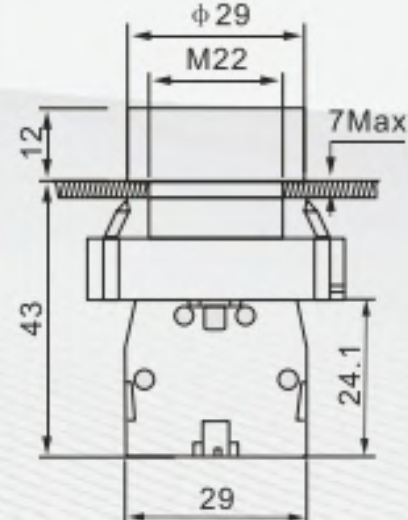
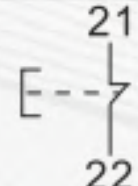
JG-XAL-D02



JG-XAL-D03

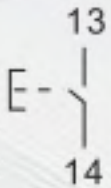
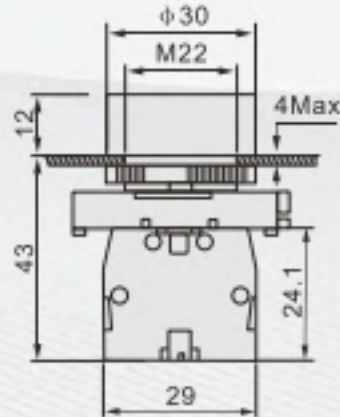
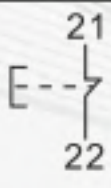
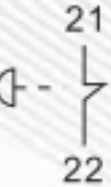
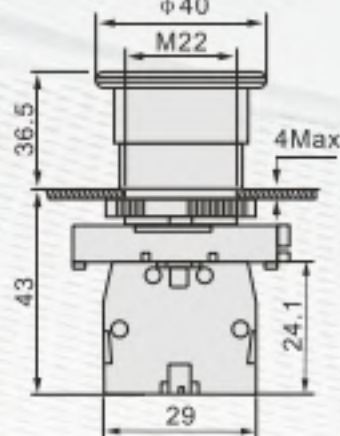
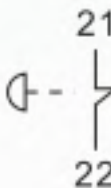
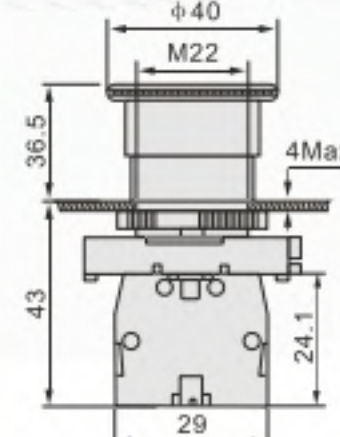


Push Button - 22.5mm

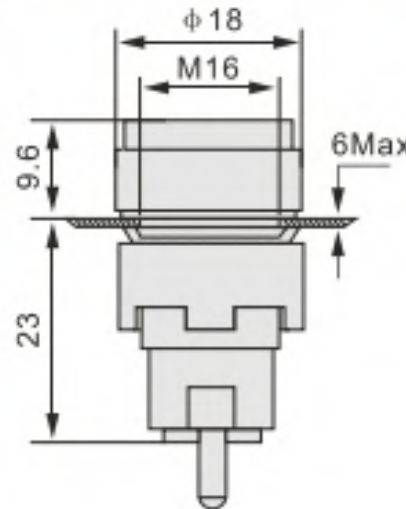
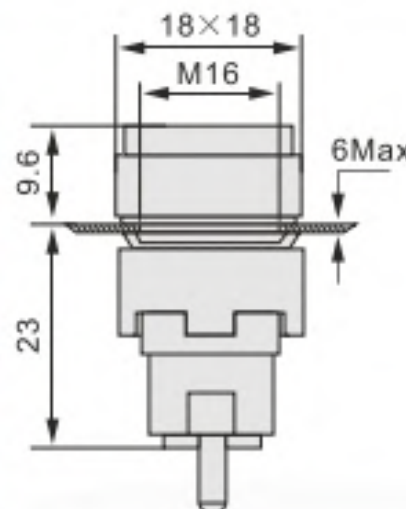
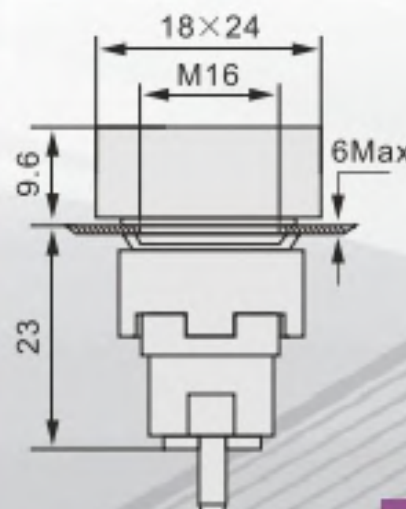
Push button	Description	Contact type	Circuit	Color	Type	Dimesions
	Spring Return Push Button Head	N/O		● Black ● Green ● Yellow ● Blue	JG-BA21 JG-BA31 JG-BA51 JG-BA61	
		N/C		● Red	JG-BA42	



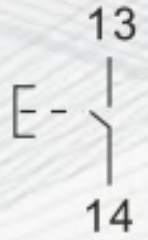
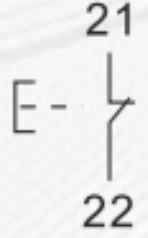
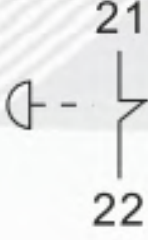
Push Button - Plastic Series

Push button	Description	Contact type	Circuit	Color	Type	Dimesions
	Plastic Body Push Button Spring Return	N/O		- Black - Green - Yellow - Blue	JG-EA21 JG-EA31 JG-EA51 JG-EA61	
		N/C		Red	JG-EA42	
	Mushroom Head Plastic Push Button Spring Return	N/C		Red $\phi 40$	JG-EC42	
	Mushroom Head Turn to Release Plastic Push Button Spring Return	N/C		Red $\phi 40$	JG-ES42	



Push button	Description	Voltage	Color	Type	Dimesions
	Illuminated Round pushbutton	24VDC 220VAC	Red Green/PG Yellow Pure Blue	JG-TA16/E11DR JG-TA16/E11DG JG-TA16/E11DY JG-TA16/E11DB	
	Illuminated Square pushbutton	24VDC 220VAC	Red Green/PG Yellow Pure Blue	JG-TA16/E11DFR JG-TA16/E11DFG JG-TA16/E11DFY JG-TA16/E11DFB	
	Illuminated Rectangle pushbutton	24VDC 220VAC	Red Green/PG Yellow Pure Blue	JG-TA16/E11DJR JG-TA16/E11DJG JG-TA16/E11DJY JG-TA16/E11DJB	

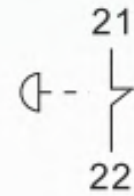
Push Button - Harmony Series

Push button	Description	Contact type	Circuit	Color	Type
	Harmony Series Push Button Spring Return	N/O		- Black - Green - Blue - Yellow	JG-AA21 JG-AA31 JG-AA61 JG-AA51
		N/C		Red	JG-AA42
	Mushroom Head Push Button Turn to Release	N/O		Red $\phi 40$	JG-AS542



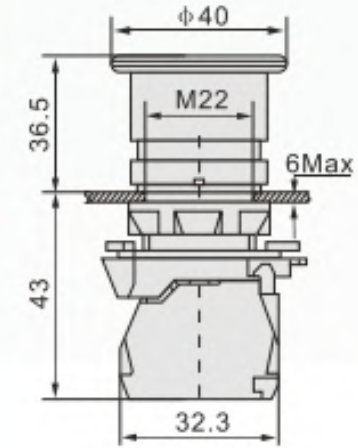
Mushroom Head
Push Button

N/C



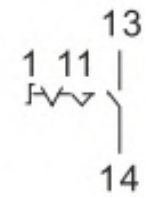
Red $\phi 40$

JG-AC42

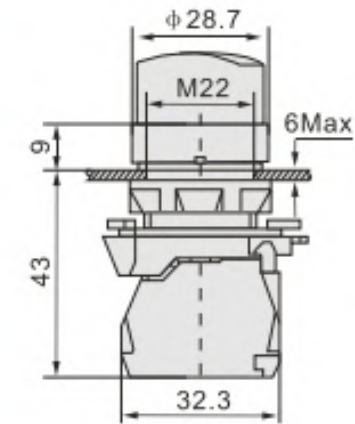


2 Position Selector
Switch - Stay put
Harmony Series

N/O

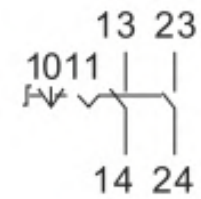


JG-AD21

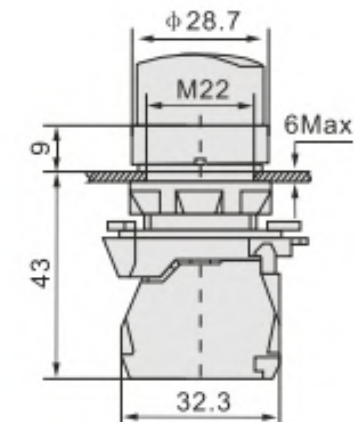


3 Position Selector
Switch - Stay put
Harmony Series

N/O+N/O

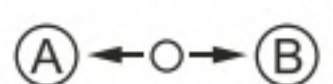
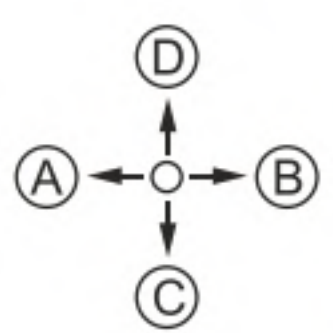


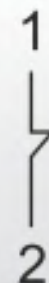
JG-AD33



22.5 mm Normal

Push button	Voltage	Color	Type
	24V DC	 Red	JG-AD22J-R
	220V AC	 Green/PG	JG-AD22J-G
		 Yellow	JG-AD22J-Y
		 Pure Blue	JG-AD22J-B

Push button	Description	Circuit	Movement	Type
	2 Position		Lockable Spring Return Lockable 30mm Spring Ret 30mm	JG-PA12 JG-PA22 JG-COS1 JG-CS1
	4 Position		Lockable Spring Return Lockable 30mm Spring Ret 30mm	JG-PA14 JG-PA24 JG-COS2 JG-CS2

Push button	Description	Contact type	Circuit	Color	Type
	Contact element	N/O		 Green	JG-ZBE101
		N/C		 Red	JG-ZBE102

PENDANT CONTROL STATION

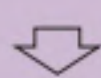


COB Series

Button
Marks



Up/Rise



Down/Drop



Quick up



Quick down



Left/East



Right/West



Front/south

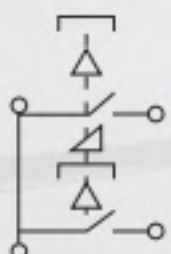


Back/North

Control Switch

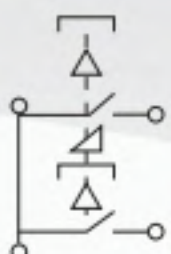
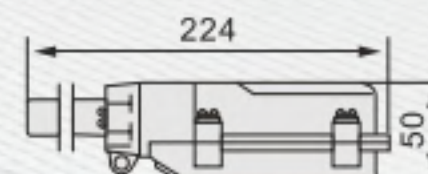
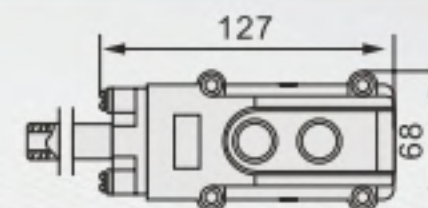
Model & Function

Dimension



2 WAY

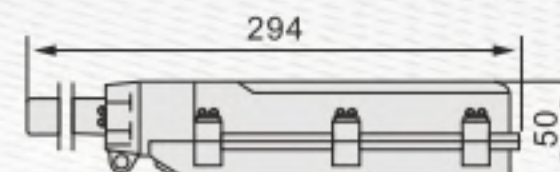
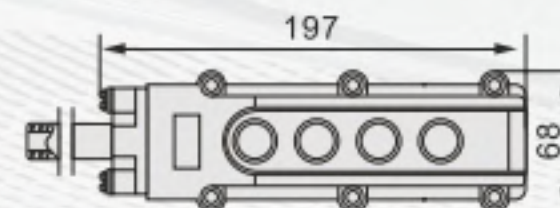
JG-COB61 - Up / Down



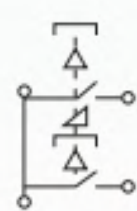
4 WAY

JG-COB61A - On/ Off / Left / Right

JG-COB62- Up / Down/ Left / Right



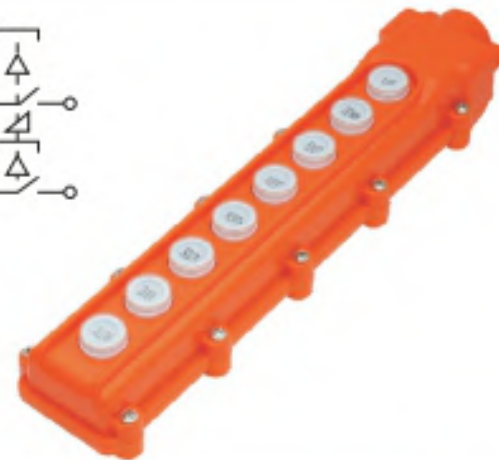
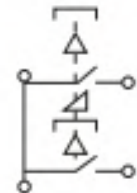
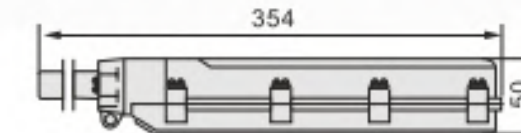
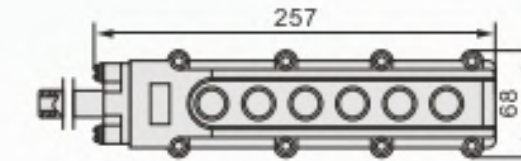
PENDANT CONTROL STATION



6 WAY

JG-COB62A- On/Off/Up/Down/Left/Right

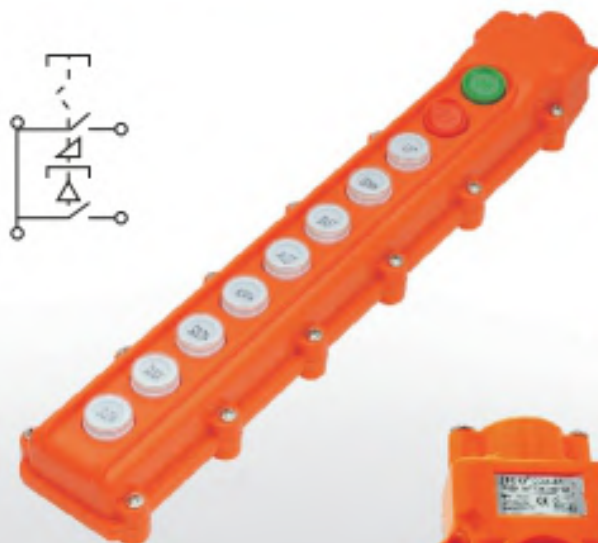
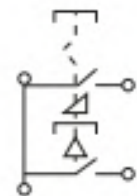
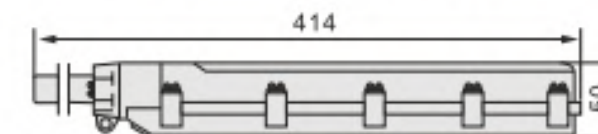
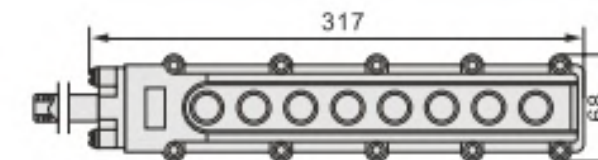
JG-COB63- Up/Down/Left/Right/Reverse/Forward



8 WAY

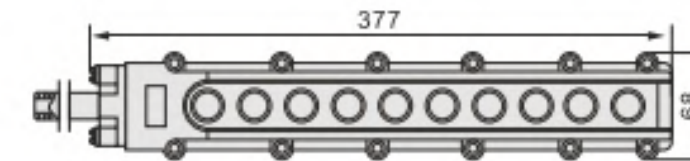
**JG-COB63A -On/Off/Up/Down/Left/ Right
Reverse/Forward/Quick/Slow**

**JG-COB64-Up/Down/Left/ Right
Reverse/Forward/Quick/Slow**

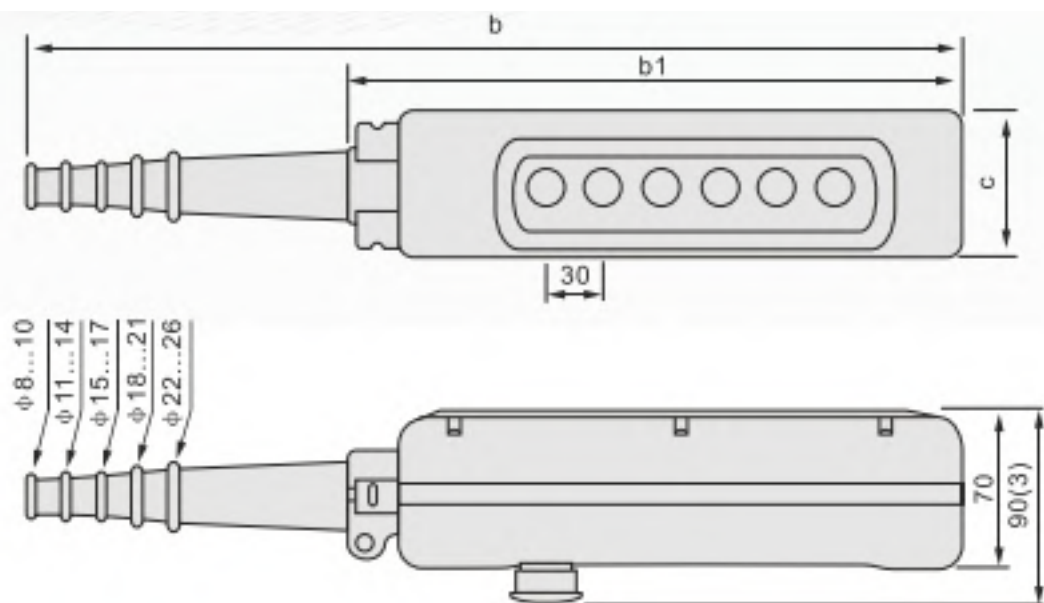


10 WAY

**JG-COB64A-On/Off/Up/Down/Left/ Right
Reverse/Forward/Quick/Slow**



PENDANT CONTROL STATION



Number of ways	2	3	4	6	8	12
b	314	314	440	500	560	680
b1	190	190	250	310	370	490
c	80	80	80	80	80	92

1. For 2 and 3 -way XAC-A stations
2. For 4 of 8 -way XAC-A stations
3. With mushroom head operator

Control stations	Description	contact blocks and scheme per direction for "emergency stop"	Type
	2 mechanically interlocked +1 trigger action latching "Emergency stop" φ 30 mm operator	BE101 BE102	JG-XAC-2713
	4 mechanically interlocked between pairs +1 trigger action latching "Emergency stop" φ 40 mm operator	BE101 BE102	JG-XAC-4713



SYNERGY AUTO ELECTRICAL CONNECTOR





TEMPERATURE CONTROLLER

AK 3 TC / DTC



AK 3



TC / TC - P



DTC

Case Size	72 x 72 x 72	48 x 48 x 76	96 x 96 x 65	72 x 72 x 45	48 x 48 x 75
Panel Hole Size	67 x 67	46 x 46	92 x 92	67 x 67	46 x 46
Sensor	T/C : K,E,J OR RTD : PT-100 /3 WIRE			T/C : K, J, RTD : PT-100 /3 WIRE	



TEMPERATURE CONTROLLER

**TC
PID + Amp**



TC - 4821 / TC - 7221

TEMPERATURE CONTROLLER WITH AMPERE INDICATION



PID - 7221-A

Case Size	96 x 96 x 50	72 x 72 x 45	48 x 48 x 75	72 x 72 x 75
Panel Hole Size	92 x 92	67 x 67	46 x 46	67 x 67
Sensor	T/C : K,E,J OR RTD : PT-100 /3 WIRE			T/C : K, J



TEMPERATURE CONTROLLER

STC / SBT

PUSH TO SET



STC - 961

KNOB SETTING



STC - 9611

BLIND CONTROLLER



SBT - 961

Case Size	96 x 96 x 90	72 x 72 x 110	96 x 96 x 90	96 x 96 x 90	72 x 72 x 110
Panel Hole Size	92 x 92	67 x 67	92 x 92	92 x 92	67 x 67
Sensor	T/C : K,E,J OR RTD : PT-100 /3 WIRE Factory set		T/C : J Type		



**STI
PIC**

TEMPERATURE INDICATOR



STI - 481

PROCESS INDICATOR



PIC - 961



PI - 491

Case Size	96 x 96 x 45	72 x 72 x 45	48 x 48 x 75	48 x 96 x 65
Panel Hole Size	92 x 92	67 x 67	46 x 46	46 x 92
Sensor	T/C : K,J TypeTC RTD : PT-100 factory set		Analog (0-10 VDC / 4 -20 mA / 0 - 20 mA)	



TIMER

STW
STW-N
STW-U



STW - 961



STW - 961-N



STW - 721-U

Case Size	96 x 96 x 65	72 x 72 x 80	96 x 96 x 50	72 x 72 x 75	96 x 96 x 50	72 x 72 x 75	48 x 48 x 90
Panel Hole Size	92 x 92	67 x 67	92 x 92	67 x 67	92 x 92	67 x 67	46 x 46
Range Limit	99.9 / 999				9.99 / 99.9 / 999		



TOTALISER & RPM

DCT
DHM
RPM

COUNT TOTALISER



DCT - 491

HOUR METER



DHM - 56

RPM METER



RPM - 491

Case Size	72 x 72	48 x 96	24 x 51	36 x 72	48 x 96	24 x 51	96 x 96	72 x 72	48 x 96	24 x 51
Panel Hole Size	67 x 67	46 x 92	22 x 48	34 x 70	46 x 92	22 x 48	92 x 92	67 x 67	46 x 92	22 x 48
Range Limit	0-999999 Count				0-9999.59 Hr. / Min		4-5000 RPM			



COUNTER

STW-C

PC

BC

THUMBWHEEL COUNTER



STW - 721C

PRESET COUNTER



PC-961

BATCH COUNTER



BC-961

Case Size	96 x 96 x 45	72 x 72 x 65	96 x 96 x 45	72 x 72 x 65	48 x 48 x 75
Panel Hole Size	92 x 92	67 x 67	92 x 92	67 x 67	46 x 46
Range Limit	0-99999 Count		0-9999 Count		0-999999 Count



TEMP + RH / ISOLATOR

DTC-9621-1
DTC-9621-H



TEMP + RH CONTROLLER



RH CONTROLLER

Case Size	96 x 96 x 45	72 x 72 x 65
Panel Hole Size	92 x 92	67 x 67
Range Limit	Temp.: 0-150°C / RH: 0-100%	RH: 0-100%



JUMBO DISPLAY



**4" Jumbo
Display**



PI-4041

PI-4042

**2" JUMBO
DISPLAY**



PI-2040

PI-2042



PANEL METER

AMP METER



DPM-A-1P

DPM-A-3P

DPM-A-3P-1D

Case Size	96 x 96 x 45	72 x 72 x 45	48 x 96 x 55	48 x 48 x 55	96 x 96 x 45	72 x 72 x 65
	92 x 92	68 x 68	46 x 92	46 x 46	92 x 92	68 x 68
Range Limit	0-9999 Amp				0-999 Amp	
Input	5 Amp Ct Selectable / 30 Amp Direct				5 Amp Ct Selectable	
Function	Single Phase				Three Phase	



PANEL METER

VOLT METER



DPM-V-1P

DPM-V-3P

DPM-V-3P-1D

Case Size	96 x 96 x 45	72 x 72 x 45	48 x 96 x 55	48 x 48 x 55	96 x 96 x 45	72 x 72 x 65
	92 x 92	68 x 68	46 x 92	46 x 46	92 x 92	68 x 68
Range Limit	0-500 VAC					
Input	0-500 VAC					
Function	Single Phase				Three Phase (P-P, P-N, Average)	



POWER ANALYSER

AVF
EM

AVF METER



AVF-961

ENERGY METER



EM-961

MFM
PM

MULTI FUNCTION METER



MFM-961-4E

POWER METER



PM-961



CUSTOMIZED CONTROLLER

BOD Laminar



BOD CARD



LAMINAR CARD

	Temperature: 0-50°C	
Input	RTD: PT-100, 3 Wire	Air Flow Sensor
	Heating + Cooling	Fan Speed : High / Low / Medium, UV, Light



CUSTOMIZED CONTROLLER



PLC-961



TIMER + RPM CARD



TEMP. CONTROLLER CARD

Case Size	96 x 96		
	92 x 92		
Range Limit	0-400°C	9999 Sec. / 4-5000 RPM	0-1200°C



CUSTOMIZED CONTROLLER



THJ

Heat Press / Fusing Controller

Input	J/K type Thermocouple / Start pulse for Timer
Output	30 Amp for Heater, Relay for Pneumatic cylinder, Buzzer for job complete
Control	PID / On-Off Action
Range	0-999 Sec. Timer / 0-999 Count
Display	4 Digit Dual Display (THJ-610), O-LED high Bright (THJ-600)
Mounting	Card type PCB mounting
Supply	AC-85-265 V, 50 Hz



THJ-610



Switch to Smart. Secure. Sustainable Solutions

AV ATS The Advance Automatic Transfer Switch



Controllers



AV Onload
Changeover Switch



AV Load Break
Switch



AV By Pass Switch



AV Switch Fuse
Changeover



Automatic Transfer Switch **AV ATS** Motor Operated Changeover Switch

- Switch with Exceptionally High Thermal Withstand capacity.
- Neutral - 2N.
- Only Switch for Green Building Concept.
- Power Terminals for Aluminum & Copper Bus Bar & Thimble.
- No Extension required for Power Terminals.



Self Fire Extinguishing,
High thermal resistance



Load Line
Reversibility



Total Safety



Shrouded



Arch Chute





SWITCH DISCONNECTOR Optimized solution

For DC, PV applications & Industrial usages



Salient Features

- High performance switching in a compact frame
- Safe and reliable operation
- Provide safe electrical isolation even at low voltages and up to 1500VDC
- Double positive break position indications
- Quick make and quick break mechanism ensures safe and independent manual operation
- Symmetric pole design for making connections independent of polarity
- Low power losses resulting in enhanced efficiency
- High temperature withstand capacity
- Products for 800V AC & 440V AC application
- Reference standard IEC 60947-3



On Load Changeover Switches 4 Pole

Conforms to IEC 947-3, EN - 60947-3 AC-23A,
Front operated 4 Pole 415V, 50Hz.



Accessories:

Auxiliary contacts kit 1NO-1NC from 250A
onwards as standard feature and 2NO-2NC
on request at extra cost.

Rotary Switches

Cam Operated Rotary Switches (8536)



Isolators Switches
(ON-OFF Switches)



Changeover Switches
(Local - Remote / Auto - Manual Switches)



Phase Changeover
(PS Series Switches)



Phase Changeover SS enclosure

Multi Step Switches with OFF



3 Way



6 Way



9 Way



4 Way



7 Way



10 Way



5 Way



8 Way



11 Way



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EasyPact CVS

Easy Choice for Quality and Value



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EasyPact CVS

Accessories for **EasyPact** CVS



Indication contacts



Voltage Release



Padlocking accessory



Direct Rotary Handle



Extended Rotary Handle

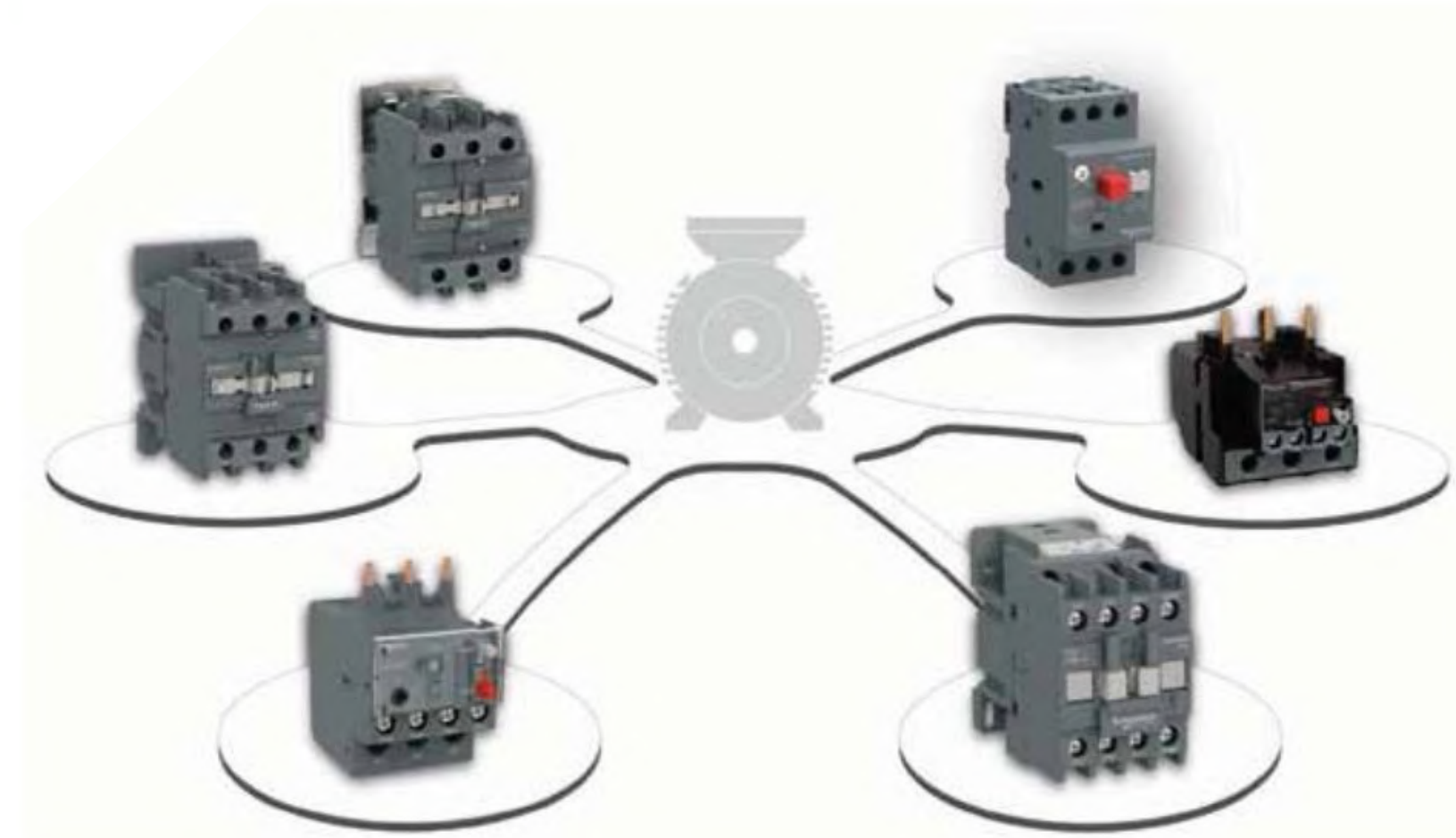
Accessories for EasyPact CVS 100 - 630A
Auxiliary Contacts (Changeover) Multifunction

EasyPact TVS

The Easy choice for simplicity and flexibility

- 3 Pole and 4 Pole Power Contactor
- Control Relays
- Thermal Overload Relay
- Circuit Breaker for Motor Protection
- Accessories

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upto 50A
for HVAC
applications





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SAFE & SURE



MI Contactors

6-150A, AC-3 Rating

Optimum solution
for your applications





3 Pole Power Contactors - Type MNX

Features

- Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1
- Range from 9A – 650A AC-3
- Click fit type construction up to 40A
- Coil on top design in 95A and above
- Spares available for entire range



MNX 22



MNX 40



MNX 80



MNX 140



MNX 250



MNX 650

3 Pole Power Contactors - Type ML

Features

- Conforms to IS/IEC 60947-4-1 & IEC 60947-4-1
- Range from 25 - 300A AC-3
- Robust and suitable for hostile applications



ML 1.5



ML 3



ML 6



ML 12



4 Pole Power Contactors - Type MCX

Features

- Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1
- Range from 16A – 800A AC-1
- Wide operating band up to 130A AC-1



MCX 22



MCX 34



MCX 47

Capacitor Duty Contactors - Type MO C



MO C25



MO C50



MO C100



d sine MCCBs



Features

Range: 20A to 1250A

Breaking capacity: 25/36/50/70/**100kA**

Variants: 3P/4P

Our new advanced MTX3.0 release fosters Energy Management along with most advanced protections. It also enables communication of various parameters for this automation era.

d sine range can now make Total Selectivity possible for uninterrupted healthy power network.

d sine -DZ MCCBs



Features

Range: 16A to 160A

Breaking capacity: 36/50kA

Variants: 3P/4P

Our new **d sine** -DZ range offers wide range of adjustable overload and short circuit settings with wide range of internal and external accessories.



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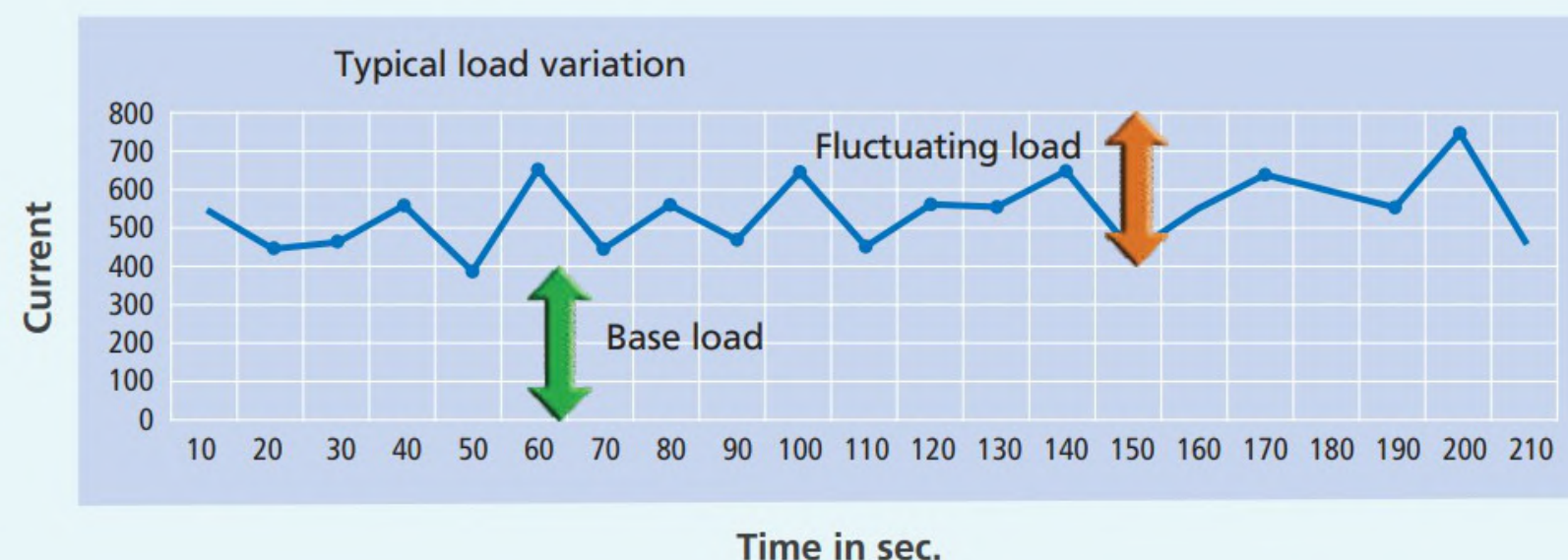
**Toughest Construction,
Highest Dependability**

Best in class LTXL Capacitors.
Available in Cylindrical & Box Configurations



Automatic power factor control solutions

etaULTRA 8T + 8R APFC Controller for Thyristor + Contactor Switching



'Thyristor + Contactor' based APFC Panels for **performance** and **economy**



etaULTRA 8T + 8R controller offers:

- 8 Transistor outputs for Thyristor switching and 8 Relay outputs for Contactor switching
- 3-Phase Current and Voltage measurement to compensate PF in unbalanced load
- 4 Quadrant measurement to take care of Sites with Solar plants
- Individual harmonics measurement up to 31st order
- 3-digit Power Factor setting to obtain higher Accuracy
- Communication through inbuilt MODBUS RS-485 Protocol



Reliable Protection for DC Installations

250/500V DC MCBs

- ♦ 250V(SP) & 500V(DP)
10kA breaking capacity
- ♦ Conforms to IEC 60947-2
- ♦ Range : 0.5A to 40A
- ♦   compliant

THANKYOU



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