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PRICE LIST

Effective : 11th June 2025

Industrial Core Products

(Plugs & Sockets, Foot Switches, DC Contactors, Limit Switches, AC Solenoid & Brakes,
DC Brakes, Pneumatic Timers & Punched Grid Resistors)



BCH

BCH
ELECTRIC
LIMITED

Modern facilities at Faridabad & Rudrapur



Our Strengths

- ◆ State-of-the-art product development and R&D
- ◆ Modern manufacturing facilities
- ◆ Tool room with latest facilities
- ◆ Serving customers for five decades
- ◆ Presence in ~50 locations
- ◆ 650 channel partners
- ◆ ISO 9001:2015 & ISO 14001:2015, ISO 45001: 2018 certified company

Core Values

- ◆ Integrity
- ◆ Nurturing People
- ◆ Commitment to Customers
- ◆ Striving for Excellence
- ◆ Long Term Thinking

Quality Policy

We as a member of BCH Electric Limited manufacturer of Low Voltage Switchgear & Controlgear products, are fully committed to provide Quality products and service in compliance with applicable Statutory and Regulatory requirements, to meet or exceed the customer need and expectations through -

- ◆ Continual improvement
- ◆ Involvement of employees
- ◆ Setting Quality objectives
- ◆ Training and development of employees

Health & Safety Policy

We as a member of BCH Electric Limited manufacturer of Low Voltage Switchgear & Controlgear products, are fully committed to conduct Business in compliance to applicable Health & Safety legislation and regulation.

We shall continually improve through -

- ◆ Provide Safe & Healthy working conditions for the prevention of work related injury and ill health.
- ◆ Develop & maintain the Health & Safety objectives & targets and conduct health & safety programs for achieving the objectives and target.
- ◆ The prevention of accidents through the identification, assessment and elimination of workplace hazards and the promotion of health & safety awareness among its employees and contractors.
- ◆ Encourage employee's participation and consultation in matters affecting the health, safety and well being of our people and seek suggestions from our employees of ways in which health, safety & well being can be furthered.

The Health & safety policy is publicly available on request.

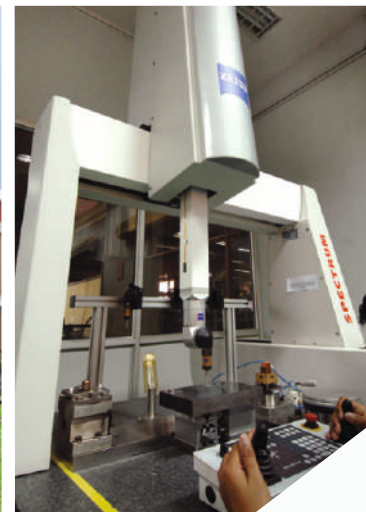
Environmental Policy

We as a member of BCH Electric Limited manufacturer of Low Voltage Switchgear & Controlgear products, are fully committed to conduct Business in compliance to applicable Environmental legislation and regulation.

We shall continually improve through -

- ◆ Provide a framework for setting and reviewing environmental objectives and targets.
- ◆ Regularly review the impact of our activities on environment and strive to reduce the pollution/waste.
- ◆ Involve employees in our environmental program and provide necessary training to enable them to discharge their responsibilities towards environment management.
- ◆ Sustain the program of continual improvement in environment in environmental performance incorporating suitable metrics and monitoring.

The Environment policy is publicly available on request.

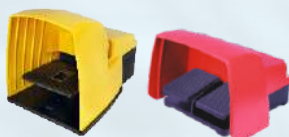
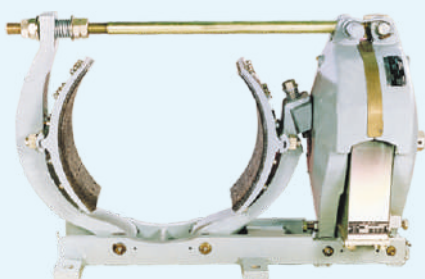


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Industrial Core Products

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Polycarbonate Plug & Socket BPX Series=



BPX Range of Plugs/Socket/Connector- 16A to 125A:

Conform to International standards EN/IEC 60309-1 & 2

HSN Code : 8536

HSN Code : 8536

Panel Mounted Straight Socket - IP44



Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
16	3	BPX1PSS341		10	700
	4		BPX1PSS442	10	1125
	5		BPX1PSS542	10	1140
32	3	BPX2PSS341		10	1210
	4		BPX2PSS442	10	1380
	5		BPX2PSS542	10	1395
63	3	BPX3PSS341		5	4815
	4		BPX3PSS442	5	4920
	5		BPX3PSS542	5	4955

Panel Mounted Straight Socket - IP67



Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
16	3	BPX1PSS371		10	1460
	4		BPX1PSS472	10	1585
	5		BPX1PSS572	10	1595
32	3	BPX2PSS371		10	1825
	4		BPX2PSS472	10	2080
	5		BPX2PSS572	10	2100
63	3	BPX3PSS371		5	5390
	4		BPX3PSS472	5	5410
	5		BPX3PSS572	5	5435
125	3	BPX4PSS371		2	18385
	4		BPX4PSS472	2	18475
	5		BPX4PSS572	2	18580

Panel Mounted Angled Socket - IP44



Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
16	3	BPX1PAS341		10	700
	4		BPX1PAS442	10	1135
	5		BPX1PAS542	10	1150
32	3	BPX2PAS341		10	1210
	4		BPX2PAS442	10	1400
	5		BPX2PAS542	10	1415
63	3	BPX3PAS341		5	4815
	4		BPX3PAS442	5	4955
	5		BPX3PAS542	5	4980

Panel Mounted Angled Socket - IP67



Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
16	3	BPX1PAS371		10	1460
	4		BPX1PAS472	10	1585
	5		BPX1PAS572	10	1600
32	3	BPX2PAS371		10	1825
	4		BPX2PAS472	10	2080
	5		BPX2PAS572	10	2095
63	3	BPX3PAS371		5	5390
	4		BPX3PAS472	5	5410
	5		BPX3PAS572	5	5435
125	3	BPX4PAS371		2	18385
	4		BPX4PAS472	2	18475
	5		BPX4PAS572	2	18580

Surface Mounted Socket - IP44



Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
16	3	BPX1WS341		10	1125
	4		BPX1WS442	10	1240
	5		BPX1WS542	10	1255
32	3	BPX2WS341		10	1400
	4		BPX2WS442	10	1525
	5		BPX2WS542	10	1545
63	3	BPX3WS341		3	5505
	4		BPX3WS442	3	5515
	5		BPX3WS542	3	5540

Surface Mounted Socket - IP67



Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
16	3	BPX1WS371		10	1900
	4		BPX1WS472	10	2405
	5		BPX1WS572	10	2425
32	3	BPX2WS371		10	2355
	4		BPX2WS472	10	2905
	5		BPX2WS572	10	2930
63	3	BPX3WS371		3	6920
	4		BPX3WS472	3	6950
	5		BPX3WS572	3	7000
125	3	BPX4WS371		1	22605
	4		BPX4WS472	1	24800
	5		BPX4WS572	1	24905

Standard Connector - IP44



Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
16	3	BPX1SC341		10	870
	4		BPX1SC442	10	1025
	5		BPX1SC542	10	1035
32	3	BPX2SC341		10	1125
	4		BPX2SC442	10	1410
	5		BPX2SC542	10	1420
63	3	BPX3SC341		5	5905
	4		BPX3SC442	5	5920
	5		BPX3SC542	5	5945

Standard Connector - IP67



Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
16	3	BPX1SC371		10	1835
	4		BPX1SC472	10	2185
	5		BPX1SC572	10	2205
32	3	BPX2SC371		10	2535
	4		BPX2SC472	10	2845
	5		BPX2SC572	10	2860
63	3	BPX3SC371		5	6005
	4		BPX3SC472	5	6025
	5		BPX3SC572	5	6050
125	3	BPX4SC371		1	19285
	4		BPX4SC472	1	19665
	5		BPX4SC572	1	19770



Polycarbonate Plug & Socket BPX Series=



BPX Range of Plugs/Socket/Connector- 16A to 125A:

Conform to International standards EN/IEC 60309-1 & 2

HSN Code : 8536

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Standard Plug - IP44						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1SP341		10	575
		4		BPX1SP442	10	805
		5		BPX1SP542	10	815
	32	3	BPX2SP341		10	975
		4		BPX2SP442	10	1180
		5		BPX2SP542	10	1190
	63	3	BPX3SP341		5	4590
		4		BPX3SP442	5	4620
		5		BPX3SP542	5	4650

Standard Plug - IP67						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1SP371		10	1275
		4		BPX1SP472	10	1720
		5		BPX1SP572	10	1735
	32	3	BPX2SP371		10	1960
		4		BPX2SP472	10	2080
		5		BPX2SP572	10	2110
	63	3	BPX3SP371		5	5275
		4		BPX3SP472	5	5305
		5		BPX3SP572	5	5330
	125A	3	BPX4SP371		1	16585
		4		BPX4SP472	1	16620
		5		BPX4SP572	1	16725

Phase Inverter Plug - IP44					
	Amp	Poles	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	5	BPX1PIP542	10	1345
	32	5	BPX2PIP542	10	1905

Phase Inverter Plug - IP67					
	Amp	Poles	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	5	BPX1PIP572	10	2680
	32	5	BPX2PIP572	10	3185

Panel Mounted Plug - IP44						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1PP341		10	910
		4		BPX1PP442	10	1245
		5		BPX1PP542	10	1280
	32	3	BPX2PP341		10	1320
		4		BPX2PP442	10	1540
		5		BPX2PP542	10	1575
	63	3	BPX3PP341		5	4805
		4		BPX3PP442	5	4840
		5		BPX3PP542	5	4915

Panel Mounted Plug - IP67						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1PP371		10	1930
		4		BPX1PP472	10	2560
		5		BPX1PP572	10	2605
	32	3	BPX2PP371		10	2495
		4		BPX2PP472	10	2675
		5		BPX2PP572	10	2725
	63	3	BPX3PP371		5	5335
		4		BPX3PP472	5	5370
		5		BPX3PP572	5	5390
	125A	3	BPX4PP371		2	17950
		4		BPX4PP472	2	19165
		5		BPX4PP572	2	19435

Surface Mounted Plug - IP44						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1WP341		10	1690
		4		BPX1WP442	8	2270
		5		BPX1WP542	10	2300
	32	3	BPX2WP341		10	2800
		4		BPX2WP442	10	3250
		5		BPX2WP542	10	3310
	63	3	BPX3WP341		2	6445
		4		BPX3WP442	2	6495
		5		BPX3WP542	2	6590

Surface Mounted Plug - IP67						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1WP371		10	2390
		4		BPX1WP472	8	3070
		5		BPX1WP572	10	3120
	32	3	BPX2WP371		10	5340
		4		BPX2WP472	10	5490
		5		BPX2WP572	10	5575
	63	3	BPX3WP371		2	7235
		4		BPX3WP472	2	7270
		5		BPX3WP572	2	7375

Polycarbonate Plug & Socket BPX Series=



BPX Range of Socket Outlet with Switch and Mechanical Interlock

Conform to International standards EN/IEC 60309-1 & 2

HSN Code : 8536

Socket Outlet with Switch and Mechanical Interlock						
Horizontal Type - IP44						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1MIH341		4	8105
		4		BPX1MIH442	4	11405
		5		BPX1MIH542	4	11460
Horizontal Type - IP67						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1MIH371		4	8245
		4		BPX1MIH472	4	11615
		5		BPX1MIH572	4	11655
Vertical Type - IP44						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1MIV341		1	9935
		4		BPX1MIV442	1	13910
		5		BPX1MIV542	1	13960
	32	3	BPX2MIV341		1	12975
		4		BPX2MIV442	1	15785
		5		BPX2MIV542	1	15835
	63	3	BPX3MIV341		1	28265
		4		BPX3MIV442	1	29560
		5		BPX3MIV542	1	29610
Vertical Type - IP67						
 16A - 63A 125A	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1MIV371		1	9935
		4		BPX1MIV472	1	14120
		5		BPX1MIV572	1	14170
	32	3	BPX2MIV371		1	13185
		4		BPX2MIV472	1	15995
		5		BPX2MIV572	1	16045
	63	3	BPX3MIV371		1	28525
		4		BPX3MIV472	1	29820
		5		BPX3MIV572	1	29875
	125	3	BPX4MIV371		1	94125
		4		BPX4MIV472	1	102585
5			BPX4MIV572	1	102640	

HSN Code : 8536

Socket Outlet with Duo Interlock and DIN Rail						
Vertical Type - IP44						
	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1MID341		1	10850
		4		BPX1MID442	1	16050
		5		BPX1MID542	1	16585
	32	3	BPX2MID341		1	12845
		4		BPX2MID442	1	18470
		5		BPX2MID542	1	18480
	63	3	BPX3MID341		1	26170
		4		BPX3MID442	1	28605
		5		BPX3MID542	1	30335
	-					
Vertical Type - IP67						
 16A - 63A 125A	Amp	Poles	230V~ 50-60Hz	415V~ 50-60Hz	Lot size	MRP (₹) / Unit
	16	3	BPX1MID371		1	11070
		4		BPX1MID472	1	16365
		5		BPX1MID572	1	16900
	32	3	BPX2MID371		1	13075
		4		BPX2MID472	1	18690
		5		BPX2MID572	1	18745
	63	3	BPX3MID371		1	26450
		4		BPX3MID472	1	28920
		5		BPX3MID572	1	30610
	125	3	BPX4MID371		1	97565
		4		BPX4MID472	1	105280
5			BPX4MID572	1	105325	





Metal Clad - Plugs & Sockets Type 'MP' & 'MS'

HSN Code : 8536

Rating	Pins	Type	Cat No.	MRP [₹]
20A, 250V	2P + E	Plug	MP20	325
		Socket	MS20	360
30A, 440V	3P + E	Plug	MP30	745
		Socket	MS30	785



Plastic Plugs & Socket Type 'PS'

HSN Code : 8536

Rating	Pins	Type	Cat No.	MRP [₹]
20A, 250V	3	Plug	PS16AA7	355
		Flush Mounting Socket	PS16BA7	500
		Socket with Wall Mounting Box	PS16DA7	620
20A, 415V	4	Plug	PS16AA1	435
		Flush Mounting Socket	PS16BA1	655
		Socket with Wall Mounting Box	PS16DA1	765
32A, 415V	3	Plug	PS32AA7	750
		Socket	PS32BA7	750
	4	Plug	PS32AA1	785
		Socket	PS32BA1	785
	5	Plug	PS32AA5	835
		Socket	PS32BA5	835

- Self Locking design : Extremely safe
- Plug cannot be pulled out in fully engaged position
- Auto closing socket shutter
- Reliable Earthing
- Shrouded Terminals for safety

Heavy duty Metal-Control 'SS'



Heavy Duty Metal - Control Plugs & Sockets Type 'SS'

HSN Code : 8536

Rating	Pins	Type	Cat No.	MRP [₹]
12A, 415V (Control)	12	Panel Mounting Socket	2499/12	2695
		Plug with inclined Handle	299/12B	1945

Heavy duty Metal-Power 'SS'



Heavy Duty Metal - Power Plugs & Sockets Type 'SS'

HSN Code : 8536

Rating	Pins	Type	Cat No.	MRP [₹]
30A, 415V	3	Panel Mounting Socket	2415B	1075
		Plug with inclined Handle	215B	1055
30A, 415V	4	Panel Mounting Socket	2413B	1125
		Plug with inclined Handle	213B	1100
30A, 415V	5	Panel Mounting Socket	2417B	1175
		Plug with inclined Handle	217B	1145

Note : *Loose Conduit Box Straight (Cat. No. 9J101) MRP - Rs. 445/- each
*Spare Handle Inclined (Cat. No. 9J108) MRP -Rs. 210/- each.

HSN Code : 8538

Heavy Duty Metal Plug & Sockets Type 'DS' - 5 Pin (with Integral Switching Device)

HSN Code : 8536

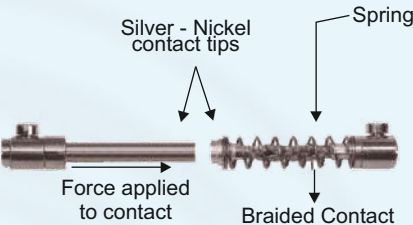
Rating	Pins	Type	Cat No.	MRP[₹]
16A, 415V	5	Plug	DS1A7A1	1745
		Socket	DS1B7A1	2165
		Handle Assembly	SP91PH	340
32A, 415V	5	Plug	DS3A7A1	2850
		Socket	DS3B7A1	3465
		Handle Assembly	SP93PH	355
63A, 415V	5	Plug	DS6A7A1	4540
		Socket	DS6B7A1	6260
		Handle Assembly	SP96PH	495
125A, 415V	5	Plug	DS9A7A1	13080
		Socket	DS9B7A1	18695
		Handle Assembly	SP99PH	1215

Note : Power Receptacles with or without SFU/SDFU/MCB/MCCB having loop-in / loop-out facility is available on request.

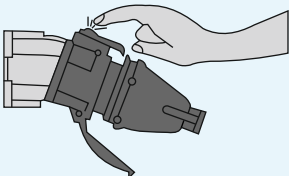


- Range from 16A to 125 A
- 5 Pin configuration (3P+N+E)
- Plug cannot come out in ON condition (Integral Interlocking)

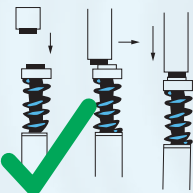
- Spring loaded Butt type contacts
- Self aligning and self wiping



Quick Disconnect



- Self aligning self wiping
- Spring loaded for consistent pressure
- Silver nickle material for extremely low temperature rise

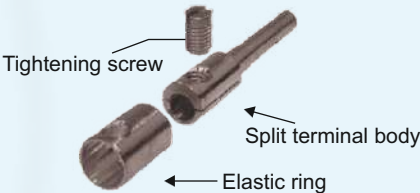


Safety Disk



No access to live parts

Vibration proof termination



Plugs & Socket Box



Metal Clad - Plug & Socket Box Type 'MPSEU'

HSN Code : 8536

Rating	Pins	Mounting	Type	Cat No.	MRP [₹]
20A, 250V	2P + E	Universal	Plug & Socket Box - SP-MCB Cutout	MPSEU201	1435
20A, 250V	2P + E	Universal	Plug & Socket Box - DP-MCB Cutout	MPSEU202	1435
30A, 440V	3P + E	Universal	Plug & Socket Box - TPN-MCB Cutout	MPSEU301	3600



Plastic - Plug & Socket Box Type 'PSEU / PSEF'

HSN Code : 8536



Rating	Pins	Mounting	Type	Cat No.	MRP [₹]
20A, 250V	3	Universal	Plug & Socket Box with SP MCB Cutout	PSEU201	1725
			Plug & Socket Box with DP-MCB Cutout	PSEU202	1770
		Flush	Plug & Socket Box with SP MCB Cutout	PSEF201	1725
			Plug & Socket Box with DP-MCB Cutout	PSEF202	1770
32A, 415V	4	Universal	Plug & Socket Box with 4P MCB Cutout	PSEU324	3735
	5			PSEU325	3810
	4	Flush	Plug & Socket Box with 4P MCB Cutout	PSEF324	3735
	5			PSEF325	3810

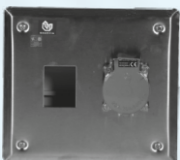
Heavy Duty Metal - Plug & Socket Box Type 'SSEU'

HSN Code : 8536

Rating	Pins	Mounting	Type	Cat No.	MRP [₹]
30A, 415V	3	Universal	Plug & Socket Box with SP MCB Cutout	SSEU303-MCB1P	4220
	3	Universal	Plug & Socket Box with DP MCB Cutout	SSEU303	4220
	4	Universal	Plug & Socket Box with 4P MCB Cutout	SSEU304	4330
	5			SSEU305	4425

Stainless Steel Cover Plug & Socket Box Type 'PSEU-SSC'/SSEU-SSC'

HSN Code : 8536



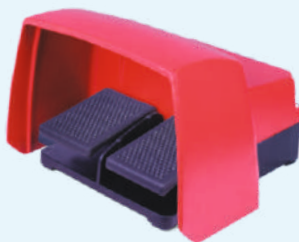
Rating	Pins	Mounting	Type	Cat No.	MRP [₹]
20A, 250V 32A, 415V	3	Universal	P&S Box with 'PS' P&S and SP MCB Cutout	PSEU201-SSC	2160
	5		P&S Box with 'PS' P&S and 4P MCB Cutout	PSEU325-SSC	4360
30A, 415V	3	Universal	Plug & Socket Box with SP MCB Cutout	SSEU303-SSC-MCB1P	4845
			Plug & Socket Box with DP MCB Cutout	SSEU303-SSC	4845
	4	Universal	Plug & Socket Box with 4P MCB Cutout	SSEU304-SSC	4960
	5	Universal	Plug & Socket Box with 3P MCB Cutout	SSEU305-SSC-MCB3P	5170
			Plug & Socket Box with 4P MCB Cutout	SSEU305-SSC	5055

BSG Foot Switch



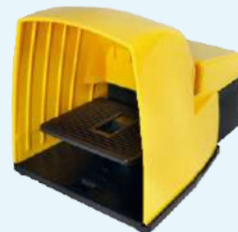
BSG2M

- Full Metal Body with Shielded Guard for Pedal
- 2 Positions
- Yellow Colour Shielded Guard for better visibility



BSG2C

- Full Metal Body with Shielded Guard for Pedal
- Glass Filled Nylon Pedal
- 2 Positions
- Red Colour Shielded Guard for better visibility



BSG2P

- Full Plastic Body with Shielded Guard for Pedal
- 2 Positions
- Yellow Colour Shielded Guard for better visibility

HSN Code : 8538

BSG Range of Foot switches		
Cat code	Description	MRP [₹]
BSG2MX1	FOOT SWITCH METAL GUARD & SHIELD 1NO+1NC	5660
BSG2MX2	FOOT SWITCH METAL GUARD & SHIELD 2NO+2NC	6070
BSG2CY1	FOOT SWITCH DOUBLE PEDAL 2 X 1NO+1NC	8705
BSG2PX1	FOOT SWITCH PLASTIC GUARD&SHIELD 1NO+1NC	2720
BSG2PX2	FOOT SWITCH PLASTIC GUARD&SHIELD 2NO+2NC	3130

FSG Foot Switch

HSN Code : 8536



Number of Contact Blocks	Total contacts available	No. of position	Description	Cat. No.	MRP [₹]	Lot Size
One	1NO+1NC	2	With Guard	FSGX1	5740	1
One	1NO+1NC	2	With Latch	FSGX1L	6040	
One	2NO+2NC	2	With Guard	FSGX2	6225	
One	2NO+2NC	2	With Latch	FSGX2L	6500	
Two	2NO+2NC	2	With Guard	FSGY1	7030	
Two	2NO+2NC	2	With Latch	FSGY1L	7480	
Two	4NO+4NC	2	With Guard	FSGY2	8205	
Two	4NO+4NC	2	With Latch	FSGY2L	8355	
Two	2NO+2NC	3	With Guard	FSGZ1M	7140	
Two	4NO+4NC	3	With Guard	FSGZ2M	8180	

Note : Latching unit (with suffix L) is provided with X & Y versions only.

Spares for Foot Switch

HSN Code : 8538

Description	Suitable For	Cat No.	MRP [₹]
Spare Contact Block 1NO+1NC	FSG & BSG	SP20S1	1040
Spare Contact Block 2NO+2NC	FSG & BSG	SP20S2	1330
Spare Cover with Guard	FSG	SP20CG	2305

- 2 Position and 3 Position
- 1NO+1NC/2NO+2NC/4NO+4NC contact blocks
- With Guard
- Oil tight and water tight enclosure for contact block
- Mechanical and electrical life : 10 million operation
- Suited for heavy duty applications such as :
 - Machine Tools
 - Rubber and Tyre making machines
 - SPMs
 - Welding Machines
- Suffix X1 = One Block of 1NO+1NC
- X2 = One Block of 2NO+2NC
- Y1 = Two Blocks of 1NO+1NC
- Y2 = Two Blocks of 2NO+2NC



DC Contactors



DC Mill Duty Contactor HSN Code : 8536

No. of poles	(A)	Auxilliary Contacts	Cat. No.	MRP [₹]
50 Amperes				
Single pole Normally Open	15A 25A 50A	2NO+2NC 2NO+2NC 2NO+2NC	912x1522 912x2522 912x5022	On request On request 46340
Double pole Normally Open	15A 25A 50A	2NO+2NC 2NO+2NC 2NO+2NC	D912x1522 D912x2522 D912x5022	On request On request 99595
Mechanically Interlocked 2 Nos. SP NO	15A 25A 50A	2NO+2NC 2NO+2NC 2NO+2NC	M912x1522 M912x2522 M912x5022	On request On request 110455
150 Amperes				
Single pole Normally Open	150A	2NO+2NC	914x22	79110
Double pole Normally Open	150A	2NO+2NC	D914x22	169605
Mechanically Interlocked 2 Nos. SP NO	150A	2NO+2NC	M914x22	178985
Single pole Normally Closed	150A	1NO+1NC	924x11	81495
Double Pole Normally Closed	150A	2NO+2NC	D924x22	172875
Single pole Normally Open with Holdout Coil #	150A	1NO+1NC	934x11/#	85765
Single pole Normally Open with AC Blow out Coil	150A	2NO+2NC	974x22	100295
300 Amperes				
Single pole Normally Open	300A	2NO+2NC	915x22	114880
Double pole Normally Open	300A	2NO+2NC	D915x22	244635
Mechanically Interlocked 2 Nos. SP NO	300A	2NO+2NC	M915x22	254335
Single pole Normally Closed	300A	1NO+1NC	925x11	115455
Double Pole Normally Closed	300A	2NO+2NC	D925x22	249380
Single pole Normally Open with Holdout Coil #	300A	1NO+1NC	935x11/#	124655
Single pole Normally Open with AC Blow out Coil	300A	2NO+2NC	975x22	145250



- From 50 A to 600 A
- Conforms to NEMA Standards
- Ready to use mechanically interlocked version
- Normally closed version
- Hold on coil for time delay
- Mechanical life : 20 million operation
- Electrical life : 1 million operation

Unique Arc quenching system with blow out coils for switching heavy duty loads

DC Mill Duty Contactor HSN Code : 8536

No. of poles	(A)	Auxilliary Contacts	Cat. No	MRP [₹]
600 Amperes				
Single pole Normally Open	600A	2NO+2NC	916x22	256000
Double pole Normally Open	600A	2NO+2NC	D916x22	531545
Mechanically Interlocked 2 Nos. SP NO	600A	2NO+2NC	M916x22	540160
Single pole Normally Closed	600A	1NO+1NC	926x11	263140
Single pole Normally Open with Holdout Coil#	600A	1NO+1NC	936x11/#	325230
Single pole Normally Open with AC Blow out Coil	600A	2NO+2NC	976x22	334735

- # For 934 / 935 / 936 with holdout coil use hold out suffix code from table on page no.10
- For coil voltage refer table on page no.10
- * 150, 300 & 600 Amps replace 'x' by 'y' for surface mounting rear connection, 'z' for elevated mounting rear connection
- * Add Rs. 5385/- for AC Control

Double Pole DC Mill Duty Contactor HSN Code : 8536

A	Auxilliary Contacts	Cat. No.	Unit Price [₹]
150A	2NO+2NC	954x22	242085
300A	2NO+2NC	955x22	282455

DC Mill Duty Contactors - Spares

HSN Code : 8538

Description	Qty. Reqd.	50A		150A		300A		600A	
		Cat. No.	MRP [₹]	Cat. No.	MRP [₹]	Cat. No.	MRP [₹]	Cat. No.	MRP [₹]
DC Arc Chute Assy. Consisting of a. LH Arc Shield b. RH Arc Shield c. DC Blow Out Arc Horn d. DC Blow Out Arc Piece e. DC Blow Out Spacer Assy. f. Polarity Wire g. Latch Strips (Top & Bottom) h. Hardware for Polarity Wire & Latch	1 Set	9C9J101*	22975	9C9P101	39340	9C9T101	57025	9C9V101	124110
AC Arc Chute Assy. Consisting of a. LH Arc Shield b. RH Arc Shield c. AC Blow Out Pole Piece d. AC Blow Out Spacer Assy. e. Polarity Wire f. Latch Strips (Top & Bottom) g. Hardware for Polarity Wire & Latch	1Set	-	-	9C9P102	On request	9C9T102	On request	9C9V102	On request
Fixed & Moving Contacts	1 Set	9C9J105	5220	9C9P105	7185	9C9T105	11650	9C9V105	31665
Contact Lever with Braid (for Single Pole)	1 No.	9C9J106	6350	9C9P106	10350	9C9T106	13695	9C9V106	23750
Contact Lever with Braid (for Double Pole) [†]	1 No.	9C9J106	6350	9C9P106	10350	9C9T106	13695	9C9V103	23750
Set of Armature Spares Consisting of a. Adjusting Pin b. Contact lever spring c. Contact lever spring pin with circlip d. Armature hinge pin e. Armature Securing pin	1 Set	9C9J107	2170	9C9P107	3005	9C9T107	4330	9C9V107	6285
Set of Armature Spares for 924, 925, 926 Consisting of a. Adjusting Pin b. Contact lever spring c. Contact lever spring pin with circlip d. Armature hinge pin e. Armature Securing pin f. Armature spring g. Spring retaining washer	1 Set	-	-	9C9P108	3665	9C9T108	6455	9C9V108	7785
Set of Armature Spares for 934/935/936 Consisting of a. Adjusting pin b. Contact lever spring c. Contact lever hinge pin d. Armature hinge pin e. Armature securing pin f. Armature spring g. Spring retaining washer h. Adjusting screw	1 Set	-	-	9C9P109	4375	9C9T109	6455	9C9V109	8265
Terminal Block	1	9C9J110	2930	9C9P110	3830	9C9T110	5355	9C9V110	6685
No Volt Coil for 912, 914, 915, 916, 934, 935 & 936 **Suffix voltage code	1	9C9J111■	11725	9C9P111■	17925	9C9T111 ■	23585	9C9V111 ■	40625
No Volt Coil for 924, 925, 926 **Suffix voltage code	1	-	-	9C9P112■	23585	9C9T112 ■	36625	9C9V112 ■	59160
Coil clamp for 914 & 934	1	-	-	9C9P118	415	-	-	-	-
Coil clamp for 924, 915, 935, 916 & 936	1	-	-	9C9P118	415	9C9T118	415	9C9V118	On request

- Suffix coil voltage code from table on page 10
- Please add Rs. 5385 for AC control

- * Only item a to e is supplied in this set
- † For two Poles, need to order for 2 Nos.

DC Contactors



DC Mill Duty Contactors - Spares & Accessories

HSN Code : 8538

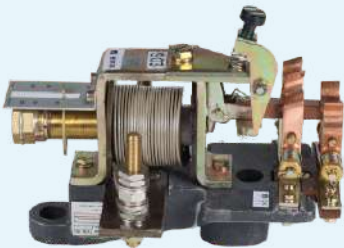
Description	Cat. No.	MRP [₹]
1NO+1NC Auxilliary Contact Block	AC10E11	9155
2NO Auxilliary Contact Block	AC10E20	9155
2NC Auxilliary Contact Block	AC10E02	9155
Single unit driver with mounting plate (50A)	9C9J115	1455
Double unit driver with mounting plate (50A)	9C9J116	2100
Single unit driver with mounting plate (150-600A)	9C9P116	1575
Double unit driver with mounting plate (150-600A)	9C9P117	2305
Hold out coil for 934, 935 & 936	9C9P113-#	28460
Condenser 50 + 50uF for 934, 935 & 936	9C9P114	1575
Mechanical interlock for 150/300/600A	AC10M4/M8/M12	10200
Rectifier 110/240 V	SP30R	5385

Suffix hold out coil code from table

Hold Out Coil

Suffix table - 934/935/936

Hold out coil type	Voltage	Suffix code
494-2	100/125	2
494-7	400/450	7
492-12	100/125	12
494-43	200/250 & 400/550	43



- Magnetic Operated Overload relay for heavy duty applications
- From 1.5A to 600A
- Instantaneous and Time delay tripping
- Manual and automatic resetting
- 1NO + 1NC Contacts

DC Magnetic Overload Relays *

HSN Code : 8536

Cat. No.	Coil No.	Continuous Rating	Range Amps	MRP [₹]
B3A23	159-10	2.8	1.5 to 3.5	27765
B3B23	159-5	3.9	3 to 7	
B3C23	159-4	5.4	5 to 13	
B3E23	159-3	10.9	8 to 24	
B3F23	159-2	16.9	10 to 30	
B3G23	159-1	21.9	20 to 40	
B3H23	159-8	34.9	25 to 65	
B3J23	159-6	50.0	35 to 75	
B3K23	179-39	69.0	40 to 120	32530
B3L23	179-38	109.0	70 to 190	
B3M23	179-37	179.0	100 to 300	
B3N23	179-36	299.0	200 to 600	35470
B3Y23	179-36.2	199.0	200 to 600	
B3P23		549.0	300 to 900	43145
B3R23		500.0	500 to 1500	

* With 1NO + 1NC Contacts

Coil Voltage table - DC Mill Duty Contactor

		24V	48V	55V	110V	220V	240V	250V
DC CONTACTOR	PRODUCT	DC	DC	DC	AC	DC	AC	F1
	912X	U1	-	Q1	A1R	A1	B1	F1
	914;934X	U1	W1	Q1	A1R	A1	B1	F1
	935X;924;915	U1	W1	Q1	A1R	A1	B1	F1
	925	-	-	-	-	A1	B1	F1
	916&936	U1	W1	Q1	A1R	A1	B1	F1
	D912-D916	-	W1	-	A1R	A1	B1	F1

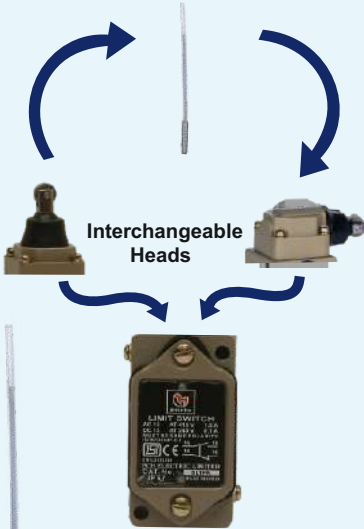
1. For other coil voltages, please contact nearest sales office
2. AC control is not available for 934, 935, 936 versions.
3. For ordering spare coils for D912, D914, D915 and D916 Contactors, please order coils with 50% voltage rating as that of control voltage.
Example to order coils for D914 X 22B1 (which is a 220V DC DP Contactor), please order spare coils with 110V DC rating.

Heavy Duty Limit Switch - Snap Action Type NL IP 67

HSN Code : 8536

Type	Description	Cat. No. Screw Terminal (1NO+1NC)	MRP [₹]	Cat.No. Precabled (1NO+1NC)	MRP [₹]	Cat. No. Screw Terminal (2NO+2NC)	MRP [₹]	Cat. No. Precabled (2NO+2NC)	MRP [₹]
Roller Lever	Standard-38MM Standard-76.2mm Adjustable	NLL1 NLL2 NLLA	2540	NLL1C NLL2C NLLAC	2770	NLL1-22 NLL2-22 NLLA-22	3875	NLL1-22C NLL2-22C NLLA-22C	4010
	Maintained Type Maintained Type Maintained Type	NLL1M NLL2M NLLAM	2850	NLL1MC NLL2MC NLLAMC	2995	NLL1M-22 NLL2M-22 NLLAM-22	4285	NLL1M-22C NLL2M-22C NLLAM-22C	4365
Push Roller	Top Side	NLTPR	2540	NLTPRC	2770	NLTPR-22	3875	NLTPR-22C	4010
		NLSPR	2790	NLSPRC	2995	NLSPR-22	4180	NLSPR-22C	4365
Push Button	Top Adjustable Side Adjustable	NLTPBA	2540	NLTPBAC	2770	NLTPBA-22	3770	NLTPBA-22C	4010
		NLSPBA	2790	NLSPBAC	2995	NLSPBA-22	4180	NLSPBA-22C	4365
Cat Whisker	Nylon Rod Steel Rod	NLCW	2230	NLCWC	2400	NLCW-22	3685	NLCW-22C	3875
		NLJW	2540	NLJWC	2715	NLJW-22	3875	NLJW-22C	4010

- IP 67 degree of Protection
- Choice of 16 Operating Heads
- Interchangeable heads ensures complete modularity and flexibility
- Zinc Die cast body for Heavy duty applications
- Easily replaceable contact blocks
- Precabled version with 2m cable length





Mini Limit Switch

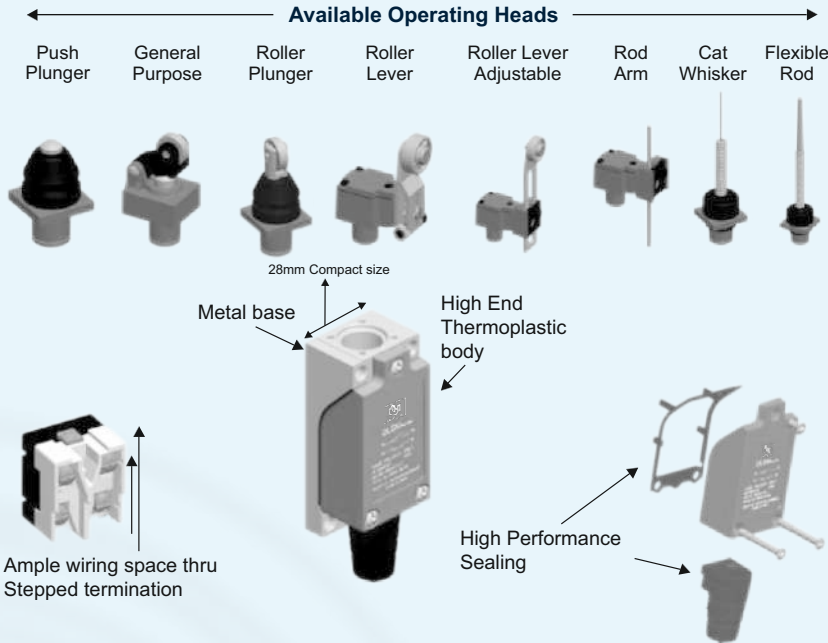
HSN Code : 8536

Type		Cat. No.	MRP [₹]
General Purpose Type		DLSMAR	1615
Top Plunger	Standard	DLSMPP	1615
Push Roller	Standard	DLSMRP	1615
Push Roller	Cross	DLSMRPX	1615
Roller Lever	39mm	DLSMRL	1615
Roller Lever	Adjustable	DLSMRLA	1665
Rod Arm	Adjustable	DLSMJWA	1665
Cat's Whisker	Steel Spring	DLSMSW	1765
Flexible Rod	Nylon	DLSMSR	1765

- Conforming to IS/IEC 60947-5-1
- Compact Design requiring less mounting space
- Zinc Die cast base & high end polyamide cover ensuring robustness & excellent aesthetics
- Unique Cross bar contacts for enhanced reliability
- Dust proof, Water proof & Oil resistance construction

Applications

- Lifts and Escalators
- Machine Tools
- Food and Beverages
- Textile Machines
- Packaging & Printing Machines



Precision Limit Switch

HSN Code : 8536

1NO+1NC			2NO+2NC		Lot Size
Type of Operator	Cat. No.	MRP [₹]	Cat. No.	MRP [₹]	
Roller Lever	PSRL-L or R	1110	PSRL-L-2 or R-2	1390	1
Six Inch Lever	PSSIL-L or R	1110	PSSIL-L-2 or R-2	1390	
Top Push Roller	PSTPR*	1110	PSTPR*-2	1390	
Top Push Button	PSTPB	1110	PSTPB-2	1390	
Type	Cat. No	MRP [₹]	Cat. No	MRP [₹]	Lot Size
Spare Contact Block	SP20S1	1040	SP20S2	1330	

- Conforming to IS/IEC 60947-5-1
- Snap action contacts
- Frequency of operation 2500 Operations / hr
- Mechanical life : 20 million operations
- Electrical life : 10 million operations

* A - Top push roller in line with contact block
B - Top push roller perpendicular to contact block

Limit Switch for 125°C Application*

HSN Code : 8536

Type	Cat. No.	MRP [₹]
with 1NO + 1NC Roller Lever Top Push Roller	LL1-150S-M LTPR-150S-M	9020

*Refer to our nearest sales office for specification & details

Heavy Duty General Purpose Limit Switch

HSN Code : 8536

Snap Action Type L	Angular Roller Top Plunger	LLGS LPGS	1700
-----------------------	-------------------------------	--------------	------

Oil Tight Limit Switch - Snap Action Type L IP 65

HSN Code : 8536

Type	Description	Cat. No.	MRP [₹]
Roller Lever	Standard-38MM	LL1	3640
	Standard-76.2mm	LL2	
	Adjustable	LLA	
	Maintained Type LL1	LL1M	3805
	Maintained Type LL2	LL2M	
	Maintained Type LLA	LLAM	
Push Roller	Top	LTPR	3555
	Side	LSPR	4000
Push Button	Top Adjustable	LTPBA	3860
	Side Adjustable	LSPBA	
Cat Whisker	Nylon Rod	LCW	2915
	Steel Rod	LJW	3620

Oil Tight Limit Switch - Spares

HSN Code : 8538

Description	Suitable for	Cat. No.	MRP [₹]
38 mm lever	NLL1, LL1	SP40L1	600
76.2 mm lever	NLL2, LL2	SP40L2	755
Adjustable lever	NLLA, LLA	SP40LA	755
Operating Head	LLGS, LPGS	SP40HLG	1085
Operating Head	Roller Lever Type	SP40HL	1175
Operating Head Maintained	Roller Lever Maintained Type	SP40HLM	1350
Operating Head	Top Push	SP 40HTP*	1175
	Side Push	SP 40HSP*	1300
Operating Head	Cat Whisker Nylon Rod	SP40CW	805
	Cat Whisker Steel Rod	SP40JW	1085
Limit Switch Unit Assembly 1NO+1NC	Type 'L' & 'NL' (Except LLGS / LPGS)	SP40S1	1545
Limit Switch Unit Assembly 2NO+2NC	Type 'L' & 'NL' (Except LLGS / LPGS)	SP40S2	2815
Limit Switch Unit Assembly 1NO+1NC	LLGS / LPGS	SP40S1WOM	1070
Oil tight Conduit	Type 'NL'	SP40CE	640

* B = Button R = Roller

Bravo Series - Heavy Duty Limit Switch

HSN Code : 8536

Type	Description	Cat. No.	MRP [₹]
Roller Lever	Standard-38MM	BALRL38	1500
	Standard-76.2mm	BALRL76	
	Adjustable	BALRLA	
Push Roller	Top	BALPRT	1500
	Side	BALPRS	1650
Push Button	Top Adjustable	BALPBT	1500
	Side Adjustable	BALPBS	1650
Cat Whisker	Nylon Rod	BALCWN	1500
	Steel Rod	BALCWS	1525

Salient Features:

- IP 67 degree of Protection
- 1NO+1NC Contact Block
- Choice of 9 Operating Heads
- Aluminium Die-cast body

New

BRAV

Series

LIMIT SWITCH



BALPBT



BALRL38



BALRL76



BALRLA



BALPRT



BALPRS



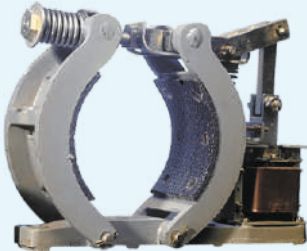
BALPBS



BALCWN



BALCWS



Range

- Solenoids:
 - Type : SLB - 25 mm stroke length
 - Type : SLD - 31.4 mm stroke length
- AC Brakes
 - 4" Dia
 - 5.5" Dia
 - 7" Dia
- Drums

Features

- Class F insulation of the coil
- Continuous & Intermittent duty
- Long life & ease of maintenance
- Ideally suited for applications such as :
 - Cranes
 - Hoists
 - Machines
 - Valves
 - Conveyers

AC Solenoid - Pull Type GST to be charged extra
HSN Code : 8505

Type	Suitable for	Stroke Length mm	Max. Pull at rated voltage Kg.	Cat. No.	List Price [₹]
B	S-42	25.0	1.25	SLB■	6120
D	S-51, S-71 S-52, S-72	31.4	6.75	SLD■ SLD2■	9020
E	S-250	40	10	SPSLEM SPSLEB	19625

* The standard coil voltages are 110, 220 & 415 V 50 Hz. AC

AC Solenoid Brake - Type S GST to be charged extra
HSN Code : 8505

Type of Brake	Wheel dia.		Max. Torque		Duty	Brake		Drum	
	Inch	mm	Lb. ft.	Nm		Cat No.	List Price [₹]	Cat No.	List Price [₹]
S-4	4	101.6	10	13.6	Continuous	S-42■	14405	AC50D4	2345
S-5	5.5	139.7	25	34.0	Continuous	S-51■	20605	AC50D5	3235
			35	48.0	Intermittent	S-52■			
S-7	7	177.8	50	68.0	Continuous	S-71■	23560	AC50D7	3925
			75	102.0	Intermittent	S-72■			
S-250	9.84	250	109	147.0	Continuous	S-2501M	50690	AC50D25	7930

- The standard coils are 110, 220 & 415 V 50 Hz. AC
- To complete Cat. No. suffix voltage code given below
- Brake drums are of standard specification

AC Solenoid Brakes - Voltage Codes

Coil Voltage	110	220	415
AC	A	B	M

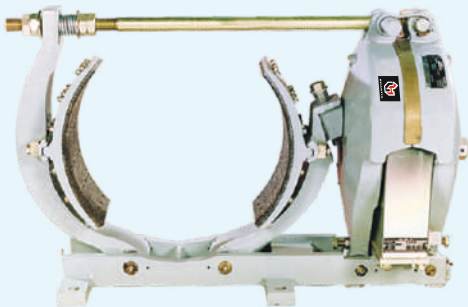
Spares For AC Solenoid Brake GST to be charged extra
HSN Code : 8505

Description	Brake Size : 4"		Brake Size : 5.5"		Brake Size : 7.0"		Brake Size : 250mm	
	Cat. No.	List Price [₹]	Cat. No.	List Price [₹]	Cat. No.	List Price [₹]	Cat. No.	List Price [₹]
Brake lining	SP50L1	1720	SP50L2	2550	SP50L3	3410	SP50L4	6675
Brake shoe Assembly*	SP50SA1	5000	SP50SA2	6445	SP50SA3	10625	SP50SA4	21395
Brake Coil -Continuous -Intermittent	SP50MC01■	2955	SP50MC21■ SP50MC22■	5865	SP50MC21■ SP50MC22■	5865	SP50MC31■	15490

- * Brake shoe assembly is with lining.
- To Complete Cat. No. suffix voltage code is given in table, above.

***GST to be charged extra on all AC Brakes & Brake Spares**

DC Brakes



- Shunt and Series type versions in sizes :
8 Inch to 30 Inch
160 mm to 800 mm
- Conforms to NEMA and AISE Standards
- Fail safe operation
- Unique design for maximum torque and minimum shoe wear
Brakes equivalent to Russian 'TK П' design also available
- Resistance & rectifier Panel available with option of 'Fuse' or 'MCB' protection

Proven and time tested

Optional Features

- Limit Switch Attachment
- Manual Release
- Residual magnetism adjustment

Heavy duty encapsulated coil with class 'F' insulation



GST to be charged extra

HSN Code : 8505

DC Electromagnetic Brakes

Shunt Type Torque				Resistance & Rectifier Panel (with fuse protection) ⁺			
Drum Size	Cat No.	Torque	List Price [₹]	Single Brake		2 Brakes Simult. Operation	
		KG-M		Cat No.	List Price [₹]	Cat No.	List Price [₹]
150mm	SMH150	8	71150	CACS1*MAE	74480	CACS2*MAE	103450
160mm	SMH160						
8"/200mm	SMH8	13.8	83755	CACA1*MAE	83025	CACJ2*MAE	107585
	SMH200	13.8					
10"/250mm	SMH10	27.7	102815	CACB1*MAE	88095	CACK2*MAE	121100
	SMH250	27.7					
13"/300mm	SMH13	76.0	168315	CACC1*MAE	94990	CACL2*MAE	141015
	SMH300	76.0					
16"/400mm	SMH16	138.8	270925	CACD1*MAE	109375	CACM2*MAE	153240
	SMH400	138.8					
19"/500mm	SMH19	277.0	436765	CACE1*MAE	132250	CACN2*MAE	193605
	SMH500	277.0					
23"/600mm	SMH23	555.0	691245	CACF1*MAE	170515	CACP2*MAE	244940
	SMH600	555.0					
30"/700mm	SMH30	1242.0	1539320	CACG1*MAE	673140	-	-
	SMH700	1242.0					
800mm	SMH800	1242.0	1667775	CACG1*MAE	673140	-	-

* For control supply i.e. A=110 V, B=220 V, K =240V and M=415 V AC
1. DC Electromagnetic Brakes are suitable to operate on:
For AC Power - Resistance & Rectifier Panel
For DC Power - Series Resistance Box

+ For Panel with MCB protection use the suffix '- MCB'
eg. For 200mm single operation brake panel with MCB protection,
Cat code will be CACA1*MAE-MCB

- All Brakes are Supplied for Continuous Duty
- Resistance & Rectifier Panel is supplied without transformer.
- Control Transformer (Optional) can be supplied at extra cost.
Please add Rs. 9265/- per unit with the LP of Resistance & Rectifier Panel. Please add 'TR' with respective panel cat. ref. to obtain final cat. Code of such panel with control transformer.

***GST to be charged extra on all DC Brakes, Brake Spares, Resistance & Rectifier Panel & Resistance Boxes**

Resistance Boxes for DC Electromagnetic Brakes



GST to be charged extra
HSN Code : 8505

Suitable for Shunt Type		Permanent Series Resistance Box for 230 V DC Supply For Single Brake		Permanent Series Resistance Box for 230 V AC Supply For Single Brake		Permanent Economy Resistance Box for 415 V AC Supply For Single Brake		Permanent Economy Resistance Box for 415 V AC Supply For Double Brake	
Cat No.	Torque KGM	Cat No.	List Price [₹]	Cat No.	List Price[₹]	Cat No.	List Price[₹]	Cat No.	List Price[₹]
SMH150 / SMH160	8	CDCS101D	9655	CARS10KE	8830	CARS10ME	17820	CARS20ME	On request
SMH8 / SMH200	13.8	CDCA101D CDIA101D*	10030	CARA10KE	9130	CARA10ME	17820	CARA20ME	On request
SMH10 / SMH250	27.7	CDCB101D CDIB101D*	11895	CARB10KE	10510	CARB10ME	17820	CARB20ME	On request
SMH13 / SMH300	76.0	CDCC101D CDIC101D*	13725	CARC10KE	12460	CARC10ME	20395	CARC20ME	27865
SMH16 / SMH400	138.8	CDCD101D CDID101D*	14690	CARD10KE	13395	CARD10ME	23705	CARD20ME	29275
SMH19 / SMH500	277.0	CDCE101D CDIE101D*	15730	CARE10KE	14355	CARE10ME	26310	CARE20ME	On request
SMH23 / SMH600	555.0	CDCF101D CDIF101D*	17910	CARF10KE	16120	CARF10ME	28275	CARF20ME	On request
SMH30 / SMH700	1242.0	CDCG101D CDIG101D*	43370	-	-	CARG10ME	48785	-	-
SMH800	1242.0	CDIG101D*	43370	-	-	CARG10ME	48785	-	-

1. DC Electromagnetic Brakes are suitable to operate on:
For AC Power - Resistance & Rectifier Panel
For DC Power - Series Resistance Box
- All Brakes are Supplied for Continuous Duty
* These cat. references are meant for intermittent duty

***GST to be charged extra on all DC Brakes, Brake Spares, Resistance & Rectifier Panel & Resistance Boxes.**

GST to be charged extra

Series Type - DC Electromagnetic Brakes

HSN Code : 8505

Brake Size	Motor Frame No. (Max.)	Half Hour Rating			One Hour Rating			List Price [₹]
		Torque KGM	Max. FLC (A)	Cat. No.	Torque KGM	Max. FLC (A)	Cat. No.	
8"/200mm	402,802A	13.8	29	SME8H1 SME200H1	8.97	21	SME801 SME20001	172545
	403, 602, 802B		44	SME8H2 SME200H2		31	SME802 SME20002	On request
10"/250mm	404,603,802C,	27.7	57	SME10H1 SME250H1	18.0	40	SME1001 SME25001	246170
	406,604,803		77	SME10H2 SME250H2		57	SME1002 SME25002	On request
13"/300mm	408,606,804	76.0	126	SME13H1 SME300H1	49.4	95	SME1301 SME30001	333515
	410,608,806		176	SME13H2 SME300H2		132	SME1302 SME30002	On request
16"/400mm	412,610,808	138.8	245	SME16H1 SME400H1	90.2	185	SME1601 SME40001	521945
19"/500mm	414,612,810	277.0	368	SME19H1 SME500H1	180.0	272	SME1901 SME50001	801845
	416,614,812		500	SME19H2 SME500H2		360	SME1902 SME50002	On request
23"/600mm	418,616,814	555.0	740	SME23H1 SME600H1	361.0	540	SME2301 SME60001	1297285
	618,816		960	SME23H2 SME600H2		730	SME2302 SME60002	On request

- During ordering, besides brake drum dia, please confirm duty rating, current rating & motor frame Nos.
- Above current ratings are for 230 V DC Series Motors.
- To convert KGM to LB.FT. multiply by 7.25

***GST to be charged extra on all DC Brakes, Brake Spares, Resistance & Rectifier Panel & Resistance Boxes.**

GST to be charged extra

Series & Accessories - DC Electromagnetic Brakes

HSN Code : 8505

Description	150/160mm		8"/200mm		10"/250mm		13"/300mm	
	Cat No.	List Price [₹]	Cat No.	List Price [₹]	Cat No.	List Price [₹]	Cat No.	List Price [₹]
Coil Shunt	9GDS01	51820	9GDA01	61360	9GDB01	74165	9GDC01	117735
Coil Series for inch for mm	-	-	9GDA02/ 9GDA03	130720	9GDB02/ 9GDB03	204890	9GDC02/ 9GDC03	264970
Torque Adj. Screw Assembly	9GDS04	4725	9GDA04	4940	9GDB04	4940	9GDC04	8590
Torque Spring	9GDS05	12870	9GDA05	13440	9GDB05	15875	9GDC05	25700
Wedge Assembly with Bolt, Spring and Washers for inch/mm	9GDS20/ 9GDS22	1840	9GDA20/ 9GDA22	2105	9GDB20/ 9GDB22	2445	9GDC20/ 9GDC22	3730
Pin set for Lever & Armature Consisting of a) Pin Lever 2 Nos. b) Pin armature 2 Nos.	9GDS06	6490	9GDA06	6810	9GDB06	6810	9GDC06 9GDC06-2#	8590
Coller Set of Lever & Armature Consisting of a) Coller Lever 4 Nos. a) Coller Armature 4 Nos.	9GDS07	6490	9GDA07	6810	9GDB07	6810	9GDC07	8165
Bush Set for Lever & Armature Consisting of a) Bush Lever 4 Nos. a) Bush Armature 4 Nos.	9GDS08	12870	9GDA08	13495	9GDB08	13495	9GDC08	14705
Pull Rod Assembly with nuts, spring & washer	9GDS29	5265	9GDA29	5510	9GDB29	6810	9GDC29	10470
Greese Nipple (1 set consist 8 Nos.)	9GDS09	1840	9GDA09	1950	9GDB09	1950	9GDC09	1970
Shoe Assembly with Clamp & Bolts (1 set consist 2 Nos.) for inch/mm	9GDS10/ 9GDS11	13400	9GDA10/ 9GDA11	13345	9GDB10/ 9GDB11	16550	9GDC10/ 9GDC11	26055
Shoe Lining without Bolts for inch for mm (1 set consist 2 Nos.)	9GDS12/ 9GDS13	4545	9GDA12/ 9GDA13	4725	9GDB12/ 9GDB13	5950	9GDC12/ 9GDC13	8590
Shoe Lining with Bolts for inch for mm (1 set consist 2 Nos.)	9GDS23/ 9GDS26	6140	9GDA23/ 9GDA26	6810	9GDB23/ 9GDB26	8590	9GDC23/ 9GDC26	12265
Dust Cover (made of jeans cloth & painted with fire reterdent al. paint).	-	-	9GDA30	7580	9GDB30	7580	9GDC30	9015
mm Size Cast Steel Drum without Hard Chrome Plaiting	9GDS15/ (150mm) 9GDS14 (160mm)	14645	9GDA14	16115	9GDB14	24805	9GDC14	41800
mm Size Cast Steel Drum with Hard Chrome Plaiting	9GDS15P/ (150mm) 9GDS14P (160mm)	19775	9GDA14P	23065	9GDB14P	36010	9GDC14P	60575
Cast Steel Drum without Hard Chrome Plaiting* for inch	-	-	9GDA15	16710	9GDB15	25715	9GDC15	43470
Cast Steel Drum with Hard Chrome Plaiting* for inch	-	-	9GDA15P	23980	9GDB15P	36895	9GDC15P	63040

* For brakes manufactured upto September 07. # For brakes manufactured after September 07 (pins are different).

*GST to be charged extra on all DC Brakes, Brake Spares, Resistance & Rectifier Panel & Resistance Boxes.



GST to be charged extra

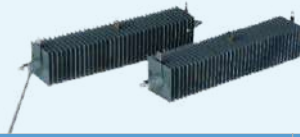
Spares & Accessories - DC Brakes

HSN Code : 8505

Description	16"/400 mm		19"/500 mm		23"/600 mm		30"/700 mm/800mm	
	Cat No.	List Price [₹]	Cat No.	List Price [₹]	Cat No.	List Price [₹]	Cat No.	List Price [₹]
Coil Shunt	9GDD01	178970	9GDE01	251275	9GDF01	394890	9GDG01	894660
Coil Series for inch for mm	9GDD02 9GDD03	389855	9GDE02 9GDE03	508515	9GDF02 9GDF03	786070	-	-
Torque Adj. Screw Assembly	9GDD04	12830	9GDE04	18290	9GDF04	29235	9GDG04	61235
Torque Spring	9GDD05	39485	9GDE05	54630	9GDF05	90460	9GDG05	194135
Wedge Assembly with Bolt, for inch for mm	9GDD20/ 9GDD22	4940	9GDE20/ 9GDE22	7410	9GDF20/ 9GDF22	11620	9GDG20/ 9GDG22	25730
Pin set for Lever & Armature Consisting of for inch for mm a) Pin Lever 2 Nos. for mm b) Pin Armature 2 Nos.	9GDD06* 9GDD06-2#	10470	9GDE06* 9GDE06-2#	10470	9GDF06* 9GDF06-2#	14705	9GDG06 ⁺⁺	44495
Coller Set of Lever & Armature Consisting of a) Coller Lever 4 Nos. b) Coller Armature 4 Nos.	9GDD07	8165	9GDE07	8005	9GDF07	10005	9GDG07 ⁺	16425
Bush Set for Lever & Armature Consisting of a) Bush Lever 4 Nos. b) Bush Armature 4 Nos.	9GDD08	15045	9GDE08	15760	9GDF08	20170	9GDG08 ⁺⁺	35880
Pull Rod Assembly with nuts, spring & washer	9GDD29	15875	9GDE29	21955	9GDF29	29500	9GDG29	77165
Grease Nipple (1 set consist 8 Nos.)	9GDD09	2005	9GDE09	3450	9GDF09	3450	9GDG09	3815
Shoe Assembly with Clamp & Bolts for inch for mm (1 set consist 2 Nos.)	9GDD10/ 9GDD11	39545	9GDE10/ 9GDE11	54705	9GDF10/ 9GDF11	87460	9GDG10/ 9GDG11	196820
Shoe Lining without Bolts for inch for mm (1 set consist 2 Nos.)	9GDD12/ 9GDD13	13460	9GDE12/ 9GDE13	21955	9GDF12/ 9GDF13	32480	9GDG11A ⁺⁺⁺	202945
							9GDG12/ 9GDG13	61370
							9GDG13A ⁺⁺⁺	62585
Shoe Lining with Bolts for inch for mm (1 set consist 2 Nos.)	9GDD23/ 9GDD26	16550	9GDE23/ 9GDE26	27380	9GDF23/ 9GDF26	42540	9GDG23/ 9GDG26	75895
							9GDG26A ⁺⁺⁺	82445
Dust Cover (made of jeans cloth & painted with fire reterdent al. paint).	9GDD30	9755	9GDE30	12060	9GDF30	12650	9GDG30	16390
mm Size Cast Steel Drum without Hard Chrome Plaiting	9GDD14	52265	9GDE14	85075	9GDF14	118320	-	-
mm Size Cast Steel Drum with Hard Chrome Plaiting	9GDD14P	77805	9GDE14P	124275	9GDF14P	181000	-	-
Cast Steel Drum without Hard Chrome Plaiting* for inch	9GDD15	54505	9GDE15	89065	9GDF15	121565	-	-
Cast Steel Drum with Hard Chrome Plaiting* for inch	9GDD15P	81320	9GDE15P	130290	9GDF15P	189685	9GDG15P	321375

* For brakes manufactured upto September 07. # For brakes manufactured after September 07 (pins are different).
+ Consist of strap, Brass Shim & spring Plate ++ Only for Armature +++ Suitable for 800mm

***GST to be charged extra on all DC Brakes, Brake Spares, Resistance & Rectifier Panel & Resistance Boxes.**



GST to be charged extra

Spare Selenium Type Bridge Rectifiers

HSN Code : 8505

Rectifier Code / Part No.	Recommended to operate brake at 415V AC		Qty. per set	List Price [₹]
	Individual	Simultaneous		
9GDX01	1x8"/200mm	-	2	15940
9GDX02	1x10"/250mm	2x8"/200mm	2	23790
9GDX03	1x13"/300mm 1x16"/400mm	2x10"/250mm	2	32215
9GDX04	1x19"/500mm	2x13"/300mm 2x16"/400mm	2	42540
9GDX05	1x23"/600mm	2x19"/500mm	2	60665
9GDX06	-	2x23"/600mm	2	121385
9GDX07	1x30"/700 & 800mm	-	2	168320



GST to be charged extra

Spare Resistances

HSN Code : 8505

Used in resistance and rectifier panels	Cat. No.	Ohms	Watts	List Price [₹]
CACA1*, CACB1*, CACC1*, CACD1*, CACJ2*	9GDX32	32	200	2830
CACA1*, CACB1*, CACC1*, CACF1*, CACG1*, CACL2*, CACP2*, CACJ2*	9GDX42	42	200	
CACS2*	9GDX47	47	200	
CACB1*, CACE1*, CACF1*, CACG1*, CACJ2*, CACK2*, CACM2*, CACN2*	9GDX52	52	200	
CACS1*	9GDX64	64	100	
CACA1*, CACB1*, CACD1*, CACE1*, CACF1*, CACG1*, CACJ2*, CACK2*, CACM2*, CACN2*, CACP2*	9GDX80	80	200	
CACA1*, CACD1*, CACK2*, CACL2*	9GDX112	112	200	
CACS1*, CACS2*	9GDX112A	112	125	

GST to be charged extra

Optional Features - DC Brakes

HSN Code : 8505

Brakes Size		Manual Release List Price [₹]	Residual Magnetism Adjustment List Price [₹]	Limit Switch Attachment List Price [₹]	
Inch	mm			1NO+1NC (LSA)	2NO+2NC (LSA-2)
8	150/160/200	6160	5865	12175	12825
10	250	6160	6875		
13	300	8445	10215		
16	400	9060	15235		
19	500	14065	21130		
23	600	19705	23865		

Note : Suffix following codes to complete brakes code with optional features.

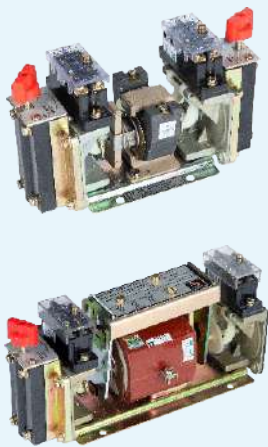
- MR = For Manual Release
- RM = For Residual Magnetism
- LS = For Limit Switch (1NO+1NC)
- LS-1 = For Limit Switch (2NO+2NC)
- RR = For Manual Release + Residual Magnetism
- RL = Residual Magnetism + Limit Switch
- ML = For Manual Release + Limit Switch
- RS = For Manual Release + Residual Magnetism + Limit Switch

To order Spare Limit Switch assembly, cat codes are:

- LSA = Limit Switch with fitting Arrangement (1NO + 1NC)
- LSA-2 = Limit Switch (2NO + 2NC) with fitting Arrangement

***GST to be charged extra on all DC Brakes, Brake Spares, Resistance & Rectifier Panel & Resistance Boxes.**

Pneumatic Timer



- 30 sec / 60 sec/180 sec
- AC and DC Supply
- 1 NO+1NC / 2 NO+2NC Contact Blocks
- Completely enclosed timing head ensures excellent timings in adverse environmental conditions
- Encapsulated coil for better resistance against moisture and corrosion
- Completely maintainable i.e Coil , Contact blocks and Timing head can be replaced
- Special timer for Railway application

Site convertible
On/Off delay

Pneumatic Timers

Time Delay Relay-Electro Pneumatic

HSN Code : 9107

Type	Time Range (Secs.)	Contact Configuration		Cat No.	MRP [₹]	
		Time Block	Instantaneous Block		AC	DC
PN	0.05 - 30 Sec	1NO + 1NC	-	KRTPN10-0	6135	9195
	0.05 - 60 Sec	1NO + 1NC	-	KRTPN10-1	6345	9705
	0.05 - 180 Sec	1NO + 1NC	-	KRTPN10-3	7170	10585
	0.05 - 30 Sec	2NO + 2NC	-	KRTPN20-0	6895	9840
	0.05 - 60 Sec	2NO + 2NC	-	KRTPN20-1	7040	9960
	0.05 - 180 Sec	2NO + 2NC	-	KRTPN20-3	7570	10695
PNI	0.05 - 30 Sec	1NO + 1NC	1NO + 1NC	KRTPN11-0	7480	10700
	0.05 - 60 Sec	1NO + 1NC	1NO + 1NC	KRTPN11-1	8485	11685
	0.05 - 180 Sec	1NO + 1NC	1NO + 1NC	KRTPN11-3	9285	11825
	0.05 - 30 Sec	2NO + 2NC	2NO + 2NC	KRTPN22-0	9375	12210
	0.05 - 60 Sec	2NO + 2NC	2NO + 2NC	KRTPN22-1	9475	12845
	0.05 - 180 Sec	2NO + 2NC	2NO + 2NC	KRTPN22-3	10155	13585
Type	Time Range (Secs.)	On-Delay Block	Of-Delay Block	Cat No.	AC	DC
PCN	0.05 - 30 Sec	1NO + 1NC	1NO + 1NC	KRTPCN11-0	10125	13560
	0.05 - 60 Sec	1NO + 1NC	1NO + 1NC	KRTPCN11-1	10635	13670
	0.05 - 180 Sec	1NO + 1NC	1NO + 1NC	KRTPCN11-3	12080	15105
	0.05 - 30 Sec	2NO + 2NC	2NO + 2NC	KRTPCN22-0	11380	14880
	0.05 - 60 Sec	2NO + 2NC	2NO + 2NC	KRTPCN22-1	11925	15055
	0.05 - 180 Sec	2NO + 2NC	2NO + 2NC	KRTPCN22-3	13450	16415

PN, PNI Time Delay Relay will be supplied only as on-delay

- To complete Cat. No. Suffix Voltage code from Table

Timer for Railway Application

HSN Code : 9107

Type	Time (Secs.)	Contact Configuration		Cat No.	MRP [₹]	
		Time Block	Instantaneous Block		AC	DC
PN	120	2NO + 2NC	-	KRTPN20A-2R	7375	-
	150	2NO + 2NC	-	KRTPN20A-3R	7375	-

Accessories for Time Delay Relay HSN Code : 9107

Description	Cat. No.	MRP [₹]	Lot Size
Contact Block			
1NO+1NC Timed	SP20S3+	1350	1
2NO+2NC Timed	SP20S4+	1765	
1NO+1NC Inst.	SP20S5+	1350	
2NO+2NC Inst.	SP20S6+	1765	
Magnet Coil			
AC-PN Relays	SP20MC	1900	1
AC-PNI & PCN Relays	SP20MC1	1900	
DC Relays	SP20MC2	6140	
Return Spring* (PNI & PCN)	SP20RS	325	1
Coil Clip*	SP20CC	515	
Magnet frame assembly without coil	SP20 MAIMA1	2765	1
Knob assembly	SP20KA	100	10

* These are supplied with plastic cover

* For DC Timers only

- To complete suffix voltage code refer to the table

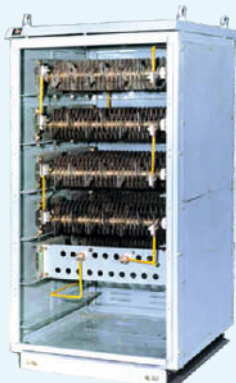
- High Repeat Accuracy
- Operating Temperature - 40° to +65°
- Mechanical and Electrical Life - 10 million operations

Voltage Suffix Code

Coil Voltage	24	110	220	240	415
AC Suffix M Code*	U	A	B	K	M
DC Suffix - Code	U1	A1	B1	K1	-

* KRTPN timers with 550V AC coil voltage, Prices available on request

Punched Grid Resistors



Applications:

- Speed Control Resistors
- Starting Resistors for AC and DC Motors
- Dynamic Braking Resistors
- Neutral Grounding Resistors (upto 11KV)

Features

- Special Chromiun Steel Alloy (AISI406) for :
 - a) Higher resistivity (approx 70% higher than others)
This results in overall light and compact unit
 - b) Low temperature coefficient (approx 72% lower than others)
This means negligible change in resistance values despite grid temperature variations (very important parameter in applications like crane controls)
 - c) Unbreakable and corrosion free Grids . Suitable for extreme vibration conditions
 - d) Drawout type of banks for ease of removal while replacements
 - e) Three rod construction for higher range resistance grid for improved mechanical strength
 - f) Individual grids are T.I.G. welded for consistent current path
 - g) Unique design using staggered grid pattern ensuring maximum air circulation
 - h) Terminal designed for 2 types of conductors ensuring flexibility

We also manufacture NGRs & DBRs

GST to be charged extra on PGR Prices

PGRs are 10 minutes rated.

Temp. rise : 375 deg over ambient

Dimensions in mm (WxHxD) : 673x152x250 HSN Code - 8533

Type	Resistance Per Bank	Continuous Rating	LP
	Ohms	Amps	[₹]
WL10	0.1	225	26725
WL12	0.125	200	23640
WL16	0.16	180	27315
WL20	0.2	150	27885
WL25	0.25	134	24625
WL32	0.32	118	21800
WL40	0.4	113	25215
WL50	0.5	100	21300
WL62	0.62	84	27490
WL80	0.8	75	24910
WL100	1	67	23155
WL125	1.25	64	25775
WL160	1.6	57	22245
WL200	2	54	24760
WL250	2.5	48	21860
WL320	3.2	43	19150
WL400	4	40	26665
WL500	5	35	19350
WL625	6.25	33	22100
WL800	8	29	20620
WL1200	12	21	22100
WL1600	16	19	21440

Dimensions in mm (WxHxD) : 800x152x250 HSN Code - 8533

Type	Resistance Per Bank	Continuous Rating	LP
	Ohms	Amps	[₹]
WLL20(M)-1	0.325	150	43360
WLL25(M)-1	0.54	134	41455
WLL32(M)-1	0.68	118	35155
WLL50(M)-1	0.864	100	29790

ACB's, MCCB's & FDP Products



ULTRA
POWER
Air Circuit Breakers

Ultra Power ACB's

- Range: 800A to 6300A in 3 frames
- Complete range conforms to IS/IEC 60947-2
- Manually & Electrically operated, Fixed/Draw-out versions
- Microprocessor based releases in basic & advance version
- $I_{cu}=I_{cs}=I_{cw}$ for 1 sec for total selectivity
- Modular & snap-fit accessories
- RoHS Compliant



X-Range MCCB's



- 3P range: 10A-1250A
- 4P range: 20A-1250A
- Breaking Capacity : 10kA to 50kA
- Tested & Certified as per IS/IEC-60947-2
- Available in Thermal Magnetic & Microprocessor based (LSI & LSIG) releases



FDP Products

MCB, RCCB, Isolator & Distribution Boxes

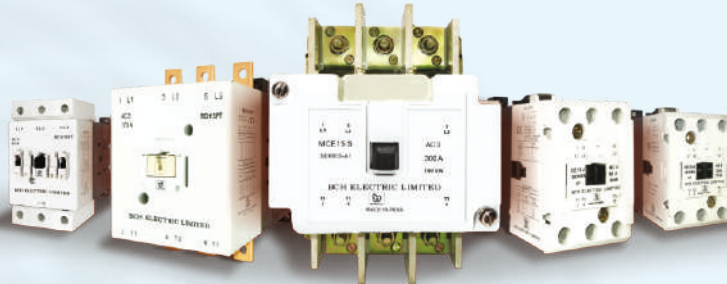
For above products, please refer "Control & Switchgear Products" price list

Controlgear



- BRAVO SERIES CONTACTORS
- FREEDOM / FS1 CONTACTORS
- CITATION SERIES
- AGRI CONTACTORS
- CAPACITY DUTY CONTACTORS
- DEFINITE PURPOSE CONTACTORS

- **Contactors**
- **Overload Relays**
- **Electronic Over Current Relay**
- **Motor Protection Circuit Breaker**
- **Solid State Relay**



For above products, please refer “Control & Switchgear Products” price list

Motor Starters

Shakti DOL & Star Delta Starters



- DOL & Star Delta upto 24 A relay range
- Heavy duty 4 Pole Contactor
- Wide Band coil voltages (190-400V, 230-420V, 220-240V, 380-415V)
- Encapsulated & Hermetically sealed coil
- Automatic star delta with electronic timer for reliable changeover from star to delta
- Selection of manual & auto resetting of overload relay



Citation DOL & Star Delta Starters

- Citation DOL & Star Delta Starters
- DOL upto 40 HP
- Semi Automatic upto 40 HP
- Fully Automatic upto 375 HP
- Heavy Duty 4 Pole Contactor
- Wide Band Coil Voltage (230-360V, 260-400V, 380-415V)
- Automatic Star Delta with Electronic Time for Reliable Changeover from Star to Delta
- Selection of Manual & Auto Resetting of Overload Relay



Shakti & Citation P Auto DOL starters

Parameter	Shakti Auto DOL	Citation P Auto DOL
Range	Upto 24A Relay	Upto 40A Relay or 22.5 HP
ON delay time	5 sec or 5 min option	5 sec to 5 min (Field adjustable)
Mode of operation	Auto/Manual/Manual SPP with selector switch	SPP with integrated Auto/Manual SPP/ Bypass selector switch
Protections	Phase reversal, Phase imbalance & Single phasing	

BK1 DOL & Semi Automatic Star Delta starters



- Range: DOL upto 7.5 H.P
- Range:Star Delta upto 15 H.P
- Wide Band Coil 250-400 V AC & 200-400 VAC

1-Phase DOL Starter



- Starter With 2 Pole CPGN Contactor and 2 Pole Overload Relay
- Encapsulated & Hermetically Sealed Coil
- Selection of Manual & Auto Resetting of Overload Relay
- Power Coated Deep Drwan Sheet Steel Enclosure for Excellent Finish & Durability

Mini Manual Starters



- Range Available upto 10 HP (3PH) & upto 3HP (1PH)
- Flush & Base Mounting Version Available
- Trips Automatically in Low Voltage Conditions (with UV Coil)
- Prevents Motor From Restarting When Powder Comes Back

For above products, please refer “Control & Switchgear Products” price list

Enclosure Systems



- Bhartia Enclosure 2.0
- Terminal Box 2.0
- 'BCH-SS' (Stainless Steel) Boxes
- Terminal Boxes
- Bhartia Boxes
- TCE Series Enclosure
- Techno - Modular Enclosures
- Compartmentalized Enclosure (Fixed & Draw-out)
- Control Desk
- IT Racks - 19" and ETSI Racks
- Non Metallic Enclosure



For above products, please refer "Enclosures" price list

Motors

IE2, IE3 & IE4

50°C
ambient temperature



- Wide Range
- Range: 0.16 HP to 425 HP
- Robust Design - IE2/IE3/IE4 Versions
- Dynamically Balanced Motors
- Corrosion-Resistant Stator Frames
- High Efficient Stator Laminations With Superior Low Loss CRNGO Steel
- Full Tropicalised Design for Indian Conditions
- Class F Insulation
- Six Terminal Terminal Box Across the Range
- Various Mounting Possibilities
- Superior Aesthetics - RAL-5014 Paint Shade As Standard
- Customised Motore Design Capability
- Compatible A.C Drive & Soft Starter Range
- Nationwide sales & service network



Crane Duty Motors
Power: 0.18 to 200.0 kW



Brake Motors
Power: 0.12 to 55.0 kW



Multi Speed Motors
Power: 0.12 to 150.0 kW



Duplex Cooling Motors
Power: 160.0 to 500.0 kW



Fire Fighting Motors
Power: 3.7 to 250.0 kW

- Manufacturing in Quality Assurance System Compliant With ISO 9001

Power Factor Control Products



- LT Power Capacitors - Cylindrical Type
- LT Power Capacitors - Box Type
- Freedom Series Capacitor Duty Contactor
- Super Heavy Duty Box Type Capacitor
- Detuned Reactors
- Thyristor Switched Module
- Automatic Power Factor Controllers (APFC)
& Intelligent Power Factor Controllers (IPFC)
- Network Analysers
- APFC Panels



For above products, please refer "Control & Switchgear Products" price list

Automation Products



- AC Drives
- Digital DC Drives
- Soft Starters
- e-prox Sensors
- Plug-in Relays
- Electronic Timers



For above products, please refer “Control & Switchgear Products” price list



BCH

Price List

General Terms & Conditions

Prices are subject to change without any prior notice and will be applicable as prevailing at the time of dispatch.

- The prices are ex-works basis..
- The prices given in this list are effective as on date and are subject to change without notice.
- The List Prices (LP) mentioned are exclusive of GST.
- The duties, taxes and other statutory levies are based on rates prevailing at the time of billing. Any subsequent revision of those rates having retrospective effective shall be to customer's account.
- In case where any GST exemption has been claimed, the purchaser is responsible for providing the necessary GST exemption form within the specified period, failing which the purchaser would be liable for the payment of full GST plus applicable interest and penalties
- All Prices are in Indian Rupees (₹).
- Alteration made after receipt of confirmation of order are subject to price & delivery revisions and any other expenses or levies
- The dispute, if any, will be resolved mutually by discussion. However, if no settlement is forthcoming then, the Courts at New Delhi shall only have territorial jurisdiction to hear and decide the dispute.

Warranty

All products, unless specifically mentioned otherwise, shall have warranty, against manufacturing defects for a period of 18* months from the date of invoicing & 24 months from date of manufacturing whichever is later subject to the provision of proper usage and does not cover defects arising out of fire, accident, inefficient maintenance, faulty operation and willful or accidental damage. The manufacturer shall not be liable for any consequential loss, injury or damages attributable to defect or failure of its products.

* Proof of purchase to be retained to avail warranty.

a strong commitment
to serve better
always ...



**Switchgear | Controlgear | Enclosures | Motor Starters & Submersible Pump Starters |
Brakes and Crane Controls | MCC | PCC | Customised Solutions | Automation |
Wires & Cables | Motors | Reactive Power Management**



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Starters & Submersible Pump Starters

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Industrial Products

Wires & Cables

Motor Control Products

Power Bus Duct

Customised Solution

Automation



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customer care@bchindia.com

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CIN : U31103DL1965PLC425953, **Customercare No.** 1800-103-9262, **E-mail :** marketing@bchindia.com
Works 1 : 20/4, Mathura Road, Faridabad - 121 006 (Haryana) Tel. : 0129-4063000/4293000 Fax : 0129-2304016
Works 2 : 64-68, Sector-7, IIE, Pant Nagar, Rudrapur, Udham Singh Nagar - 263 153 (Uttarakhand) Tel. : 05944-250214/16 Fax : 05944-250215

Sales Offices :

- Ahmedabad**
401, Ship Zeveri,
Beside Shyamal Iconic,
Above Westside,
Shyamal Cross Road,
Ahmedabad - 380015
E-mail: ahmedabad@bchindia.com

Bangalore
2nd Floor, 130/5,
K.H. Road (Double road),
Bangalore - 560 027
Tel.: 080-41144879 / 22236759
E-mail: bangalore@bchindia.com

Bhubaneswar
Mallick Commercial
Complex Plot No.: A/69, unit - 3
Bhubaneswar - 751 001
Tel.: 0674-2380988
E-mail: bhubaneswar@bchindia.com

Chandigarh (Panchkula)
SCO -270, 2nd Floor,
Sector-16, Panchkula
Haryana-134 113
Tel.: 0172-5078957 / 5049905
E-mail: chandigarh@bchindia.com

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Flat No. 3A, 3rd Floor,
Sree Apartments,
No.508, TTK Road,
Alwarpet, Chennai 600 018
Tel.: 044-24337046, 24337047
E-mail: chennai@bchindia.com

Coimbatore
87, Dr. Nanjappa Road,
Coimbatore - 641 018
Tel. : 0422-2305311 / 2302599
E-mail: coimbatore@bchindia.com
- Delhi 1**
801, Akash Deep Building,
26A, Barakhamba Road,
New Delhi - 110 001
Tel. : 011-23313878 / 43518200
E-mail: delhi@bchindia.com

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019 Tel. : 011-45720334
E-mail: delhi2@bchindia.com

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Patel Nagar, Dehradun-248001
E-mail: dehradun@bchindia.com

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Faridabad - 121 006 (Haryana)
Tel.: 033-22871728 / 46021884
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Tel. : 040-66206263/27890306
Fax : 040-66207273
E-mail: hyderabad@bchindia.com

Indore
330-331, Indraprastha Tower,
3rd Floor, 6, M.G. Road,
Indore - 452 001
Tel. : 0731-2510011 / 2510012
E-mail: indore@bchindia.com
- Jaipur**
25, Hathroi, Gopalbari,
Jaipur - 302 001
Tel.: 0141-2363521
E-mail: jaipur@bchindia.com

Jamshedpur
A.J. Tower, 2B,
2nd Floor, R-Road, Bistupur,
Jamshedpur - 831 001
E-mail: jamshedpur@bchindia.com

Kolkata
Block 1E, 216,
Acharya Jagadish Chandra Bose
Road, Kolkata - 700 017
Tel. : 033-22871728 / 46021884
E-mail: kolkata@bchindia.com

Lucknow
Shop No. 3, First Floor,
Tower T-10, Millennium Place IBB - 2,
Sushant Golf City, Sultanpur Road,
Lucknow U.P. - 226030
Tel. : 0522-4025597/4025997
E-mail: lucknow@bchindia.com

Ludhiana
S.C.O. - 18, 2nd Floor,
Feroze Gandhi Market,
Ludhiana - 140 001
Tel. : 0161-5021807/5022808
E-mail: ludhiana@bchindia.com

Madurai
12, Parvathi Plaza-3rd Floor,
70 Feet Road, Ellis Nagar
Madurai-625016, Tamilnadu
Email: madurai@bchindia.com
- Mumbai**
A-151, Mittal Tower,
Nariman Point,
Mumbai - 400 021
Tel. : 022-22822947/22850162
Fax : 022-22822858
E-mail: mumbai@bchindia.com

Patna
No.703, 7th Floor, Luv Kush
Tower, Exhibition Road,
Patna - 800001

Pune
8, Sarosh Bhavan,
16-B/1, Dr. Ambedkar Road,
Pune - 411 001
Tel. : 020-41210002
E-mail: pune@bchindia.com

Raipur
6th Floor, Office No. 607,
Babylon Capital, Near Oswal
Petrol Pump, VIP Chowk,
G.E. Road, Raipur - 492 006
Tel. : 0771- 4045053
E-mail: raipur@bchindia.com

Vadodara
301, Third Floor, "Florence Classic",
10, Ashapuri Co-Op. Hsg. Soc. Ltd., Opp. VUDA
Housing, Near Cow Circle, Akota, Vadodara - 390 020
Tel. : 0265-2345068/2345069
Telefax : 0265-2345068,
E-mail: vadodara@bchindia.com

Other Branch Locations

Cochin : cochin@bchindia.com, **Guwahati** : guwahati@bchindia.com, **Vishakapatnam** : vizag@bchindia.com, **Surat** : surat@bchindia.com, **Trichy** : Trichy@bchindia.com

Resident Engineer Locations

Agra	Bhopal	Hospet	Kanpur	Muzaffarnagar	Rajahmundry	Silliguri	Varanasi
Ahmednagar	Calicut	Hubli	Karimnagar	Nanded	Ranchi	Solapur	Vijaywada
Ambala	Goa	Idukki	Karnal	Nashik	Rourkela	Srinagar	Vishakapatnam
Anantapur	Gulbarga	Jabalpur	Kota	Panipat	Rudarpur	Trivendrum	Vellore
Ankleshwar	Gurgaon	Jalandhar	Kurnool	Patna	Salem	Tirunelveli	Vilupuram
Aurangabad	Haridwar	Jodhpur	Midnapore	Puducherry	Sikar	Udaipur	Warangal
Bhiwadi	Hisar	Kashipur	Mahua	Rajkot	Silchar	Vapi	Yamunanagar

Since product improvement is a continuous process, the data furnished in this brochure may undergo revision without prior notice.