



- B-21, Bhan Nagar, Queens Road, Jaipur-302021
- Website: [www.aumshivay.com](http://www.aumshivay.com), [www.omengineering.in](http://www.omengineering.in)
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## POWER CONTACTORS



**Power Contactors;** We deals with L&T's Power Contactors are available in Single Pole, Two Pole, Three Pole and Four Pole configurations. These configurations and current rating in each configuration ensures that each customer requirement is satisfied. Solutions are available for every application like motor starter, agriculture pumps, genset applications, street lighting and switching to alternate source of supply, DC application. Our all contactors are as per IS/IEC 60947-4-1.

### A. Single Pole Power Contactors;

Single Pole Power Contactors (MR)			
Brand	L&T		
Type	MR 11W	MR 11NW	MR 13
Current Rating	25A	25A	40A
Band type	Wide and Chatter free Operating Band		
No of Poles	Single Pole		
Specific uses of the Product	High AC-1 rating for single phase application		



### Features:

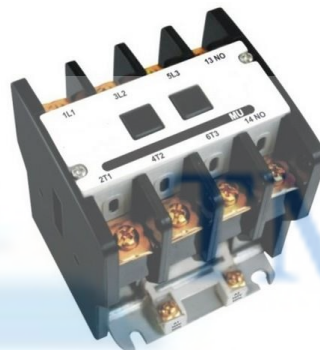
- Rating : 25A to 40A.
- Wide and Chatter free Operating band.
- High AC-1 rating for Single Phase applications.
- Odering Suffix B000-240V, 50Hz
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1.



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## B. Two Pole Power Contactors;

2 Pole Power Contactors (MU-2P)			
Brand	L&T		
Type	MU16-2P	MU25-2P	MU40-2P
Current Rating	16A	25A	40A
Band type	Available with wide band coil.		
No of Poles	Single Pole		
Specific uses of the Product	Suitable for low voltage condition		
Applications	Suitable for single phase pump and motor applications		



### Features:

- Rating : 16A to 40A.
- Coil Voltages available for MU-2P are 220V, 240V, wide band coil 160-220V.
- Ordering suffix for wide band coil of MU-2P is NO00.
- For ordering add-on aux, contact block.
- Wide band potted coil.
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1.

2 Pole Power Contactors (MNX)				
Type	Size	AC3 Rating (A)	AC1 Rating (A)	Aux Contact
MNX 9-2P	Fr 1	9	25	1 NO
MNX 12-2P		12	30	1 NO
MNX 18-2P		18	30	1 NO
MNX 22-2P		22	32	1 NO
MNX 25-2P	Fr 2	25	45	#
MNX 32-2P		32	55	#
MNX 40-2P		40	55	#
MNX 50-2P	Fr 3	50	85	#
MNX 70-2P		70	100	#
MNX 80-2P		80	100	#
MNX 95-2P	Fr 4	95	160	#
MNX 110-2P		110	160	#
MNX 140-2P		140	160	#
MNX 185-2P	Fr 5	185	250	2 NO + 2 NC
MNX 225-2P		225	300	2 NO + 2 NC
MNX 250-2P		250	300	2 NO + 2 NC
MNX 300-2P	Fr 6	300	400	2 NO + 2 NC
MNX 400-2P		400	425	2 NO + 2 NC
MNX 550-2P		550	650	2 NO + 2 NC
MNX 650-2P		650	800	2 NO + 2 NC



### Features:

- Range : 9A to 650A AC-3 (DC rating available)
- Click fit type construction upto 40A.
- Coil on top design in 95A and above.
- Common spares and accessories as MNX 3P.
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1.



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## C. Three Pole Contactors;

3 Pole Power Contactors (MNX)				
Type	Size	AC3 Rating (A)	AC1 Rating (A)	Aux Contacts
MNX 9	Fr 1	9	25	1 NO
MNX 12		12	30	1 NO
MNX 18		18	30	1 NO
MNX 22		22	32	1 NO
MNX 25	Fr 2	25	45	#
MNX 32		32	55	#
MNX 40		40	55	#
MNX 50	Fr 3	50	85	#
MNX 70		70	100	#
MNX 80		80	100	#
MNX 95	Fr 4	95	160	2 NO + 2 NC
MNX 110		110	160	2 NO + 2 NC
MNX 140		140	160	2 NO + 2 NC
MNX 185	Fr 5	185	250	2 NO + 2 NC
MNX 225		225	300	2 NO + 2 NC
MNX 250		250	300	2 NO + 2 NC
MNX 300	Fr 6	300	400	2 NO + 2 NC
MNX 400		400	425	2 NO + 2 NC
MNX 550		550	650	2 NO + 2 NC
MNX 650		650	800	2 NO + 2 NC



### Features:

- Rating: 9A to 650A AC-3.
- Entire range is UL Listed.
- Click fit type construction upto 40A.
- Coil on top design in 95A and above.
- Operating band from 65 % to 120% up to 32A.
- Easy inspection and replacement of coils and contacts.
- Alpha-numeric terminal markings.
- Front ON/OFF indication.
- Aesthetic appearance.
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1.





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## 3 Pole Power Contactors (MO)

Type	Size	AC3 Rating (A)	AC1 Rating (A)	Aux Contacts
MO 9	Fr 0	9	30	1 NO + 1 NC
MO12		12	32	1 NO + 1 NC
MO18		18	32	1 NO + 1 NC
MO 25	Fr 1	25	45	#
MO 32		32	50	#
MO 40		40	50	#
MO 45		45	50	#
MO 50	Fr 2	50	100	#
MO 60		60	100	#
MO 70		70	100	#
MO 80	Fr 3	80	125	#
MO 95		95	125	#
MO 110		110	140	#
MO 140	Fr 4	140	250	2 NO + 2 NC
MO 185		185	275	2 NO + 2 NC
MO 225		225	275	2 NO + 2 NC
MO 140	Fr 4* (Electronic Coil) AC/DC	140	250	2 NO + 2 NC
MO 185		185	275	2 NO + 2 NC
MO 225		225	275	2 NO + 2 NC
MO 250	Fr 5	250	400	2 NO + 2 NC
MO 300		300	500	2 NO + 2 NC
MO 250	Fr 4* (Electronic Coil) AC/DC	250	400	2 NO + 2 NC
MO 300		300	500	2 NO + 2 NC



### Features:

- Rating: 9A to 300A AC-3 duty.
- Range 140A to 300A available with conventional/ universal AC/DC electronic coil version.
- Common coil for 50 & 60Hz Application.
- Standardized accessories for upto 9A-110A and 140A-300A range.
- Easy inspection and replacement of coils and contacts.
- Suitable for Lug as well as Lug less termination.
- Low pick-up VA consumption.
- RoHS compliant.
- Compact Dimensions: Space saving.
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1.



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### 3 Pole Power Contactors (MX Mini)

Type	AC3 Rating (A)	AC1 Rating (A)	Aux Contact
<b>A. For AC Control (Std. Coil Voltage - 24, 110, 240, 415V, 50Hz)</b>			
MX 06	6	20	1 NO
MX 06	6	20	1 NO
MX 09	9	20	1 NO
MX 09	9	20	1 NO
MX 12	12	20	1 NO
MX 12	12	20	1 NO
<b>B. For DC Control (Std. Coil Voltage - 24, 110, 220V)</b>			
MX 06	6	20	1 NO
MX 06	6	20	1 NO
MX 09	9	20	1 NO
MX 09	9	20	1 NO
MX 12	12	20	1 NO
MX 12	12	20	1 NO



#### Features:

- Rating: 6A to 12A AC & DC.
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1.
- AC/ DC Contactor in 45 mm width.
- Base as well as DIN Rail mounting facility.
- Built in surge suppressor for DC coil contactors.
- Low VA consumption.
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1.

### 3 Pole Power Contactors (MDX)-DC Control

Type	Size	AC3 Rating (A)	AC1 Rating (A)	Aux Contacts
MDX 9	Fr 1	9	25	1 NO
MDX 12		12	28	1 NO
MDX 18		18	32	1 NO
MDX 25		25	32	1 NO
MDX 32	Fr 2	32	56	#
MDX 38		38	56	#
MDX 50*	Fr 3	50	90	#
MDX 65*		65	110	#
MDX 80*		80	125	#
MDX 95		95	125	#
MDX 110		110	125	#



#### Features:

- Rating: 9A to 110A AC-3.
- Built in surge suppressor for BDX 9A-38A.
- MDX 50-80 with universal AC/DC Electronic coil.
- Permanent magnet coil technology
- Low VA consumption.
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1

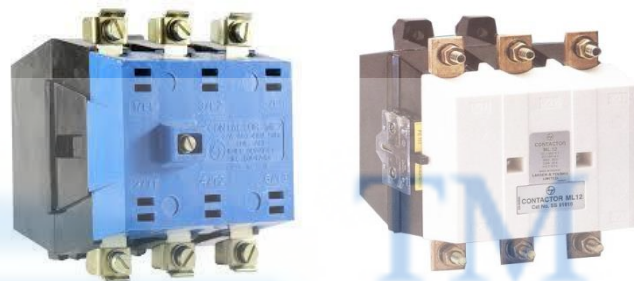




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### 3 Pole Power Contactors (ML)

Type	Size	AC3 Rating (A)	AC1 Rating (A)	Aux Contacts
ML 1.5	Fr 1	25	25	2 NO + 2 NC
ML 2	Fr 2	32	40	2 NO + 2 NC
ML 3		40	45	2 NO + 2 NC
ML 4	Fr 3	70	100	2 NO + 2 NC
ML 6		110	125	2 NO + 2 NC
ML 12	Fr 4	300	400	2 NO + 2 NC



### Features:

- Rating: 25A to 300A AC-3.
- Standard Coil Voltage : ML 1.5/2/3 – 110V, 240V, 440V, 50Hz.  
ML 4/6/12 – 110V, 240V & 415V, 50 Hz.
- Rebut and suitable for hostile applications.
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1

### 4 Pole Power Contactors (MCX)

Type	Size	AC-1 Rating (A)	Aux Contacts
MCX 01	Fr 1	16	#
MCX 02		25	#
MCX 03		32	#
MCX 04		40	#
MCX 11	Fr 2	50	#
MCX 12		63	#
MCX 13		80	#
MCX 22	Fr 3	100	#
MCX 23		130	#
MCX 32	Fr 4	160	2 NO + 2 NC
MCX 33		200	2 NO + 2 NC
MCX 34		255	2 NO + 2 NC
MCX 41	Fr 5	325	2 NO + 2 NC
MCX 42		360	2 NO + 2 NC
MCX 43		400	2 NO + 2 NC
MCX 44		500	2 NO + 2 NC
MCX 45		600	2 NO + 2 NC
MCX 46		700	2 NO + 2 NC
MCX 47		800	2 NO + 2 NC



### Features:

- Ratings: 16 A to 800 A AC-1 duty.
- Suitable for supply changeover and genset applications.
- Available in five frame sizes and nineteen current ratings
- Alpha-numeric terminal marking.
- Wide operating band up to 130A AC-1.
- Conforms to IS/ IEC 60947-4-1 & IEC 60947-4-1.

