

डिजिटल सक्षम स्मार्ट कृषि
डिजिटल सक्षम स्मार्ट शेती
డిजिटल सक्षम स्मार्ट కృషి
ਡਿਜੀટਲ ਸਮਰਪਤ ਸਮਾਰਟ ਖੇਤੀਬਾੜੀ
ডিজিটেল সক্ষম স্মার্ট কৃষি
ಡಿஜিটাল सम्मत स्मार्ट कृषिकार्य
ଡିଜିଟାଲ୍ ସୁବିଧା ସହିତ ପ୍ଲାଟ් କୃଷି
டிஜிட்டల్ ആற்றുല്പാദന സംമാഗ്ധി വിവசായம்
ડிജிட்டಲ್ കാർഷിക സേവനങ്ങൾ
ഡിജிட்டൽ അഗ്രੀകൾച്ചർ
ಡಿജிட்டல் ಶಕ್ತಿಯುತ ಸ್ಮಾರ್ಟ್ ಅಗ್ರಿಕಲ್ಚರ್
Digital Enabled Smart Agriculture



Maximum Retail Prices
for Rural Electrical Products
Effective from 01 - 01 - 2019

LTLK MCBs with **K-Curve** Exclusively for Agricultural Pumps



- Range available from 6A to 125A - 3 Pole and 6A to 50A - 2 Pole
- Specially designed MCBs with K-Curve for Short circuit tripping band suitable for agricultural pumps

Customer Interaction Centre (CIC)

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INDEX

Offerings & Compositions	1
MK1 Starters	4
MK2 Starters	6
New i-Protector	7
New LTLK MCB with K-Curve	8
M-POWER+	9
MU - Automatic DOL Starter	9
MU / MB Starters	10
ML Starters	12
Single Phase / Three Phase Starters	14
MU-G6 / 10 / 15 / 20 Three Phase Controllers	17
MU-G30 / 40 / 50 / 75 Three Phase Controllers	18
MU-G10W / 20W / 30W Three Phase Controllers	19
MR-G2W Single Phase Controllers	20
MR-G2 / MR-G3 Single Phase Controller	22
MF-G1 Single Phase Controller	24
Power Factor Correction Capacitors	25
New MDF Capacitors For Single Phase Application	26
Submersible Flat Cable	27

Note:

Colour of HSN code signifies below

[Green colour : 18%* GST]

*Subject to change as per Govt. notification





Starters and Controllers Offerings & Composition

Offerings

HP Rating	DOL (Direct On-Line)													
	Starters											Controller		
	MK1	MK2	MF1	MU1	MU1H	MB1	MU2	MB2	MU3	ML1.5	ML2	MU-G6	MU-G10	MU-G10H
0.125			✓											
0.25 - 2	✓		✓											
3 - 6	✓		✓									✓	✓	
7.5	✓	✓	✓	✓	✓	✓				✓	✓		✓	
10				✓	✓	✓				✓	✓		✓	✓
12.5					✓		✓	✓		✓	✓			
15							✓	✓	✓	✓	✓			
17.5									✓		✓			
20											✓			

HP Rating	FASD (Fully Automatic Star-Delta)													
	Starters							Controller						
	MK1	MU1	MB1	ML1.5	MU2	MB2	ML2	MU-G15	MU-G20	MU-G20H	MU-G30	MU-G40	MU-G50	MU-G75
6 - 10	✓							✓						
12.5	✓	✓	✓	✓			✓	✓						
15	✓	✓	✓	✓			✓	✓	✓					
20				✓	✓	✓	✓		✓	✓	✓			
25				✓	✓	✓					✓			
30					✓	✓	✓				✓	✓	✓	
35							✓					✓	✓	
40												✓	✓	
50													✓	✓
75														✓

HP Rating	SASD (Semi Automatic Star-Delta)						
	Starters						
	MK1	MU1	MB1	MU2	MB2	ML1.5	ML2
6 - 10	✓						
12.5	✓	✓	✓			✓	✓
15	✓	✓	✓				
20				✓	✓	✓	✓
25				✓	✓	✓	
30				✓	✓		✓
35							✓



Starters and Controllers Offerings & Composition

Composition for DOL (Direct On-Line) Starters

Relay Range (A) Starter Type		Relays used															
		1-1.6	1.5-2.5	2.5-4	4-6.5	6-10	9-14	9-15	11-18	13-21	13-22	14-23	15-25	20-32	20-33	24-38	28-42
MK1	MK1	MK1	MK1	MK1	MK1	MK1	MK1		MK1		MK1						
MK2											MK2			MK2			
MU1							MU2			MU2			MU2				
MU1H													MU2	MU2			
MU2										MU2				MU2		MU2	
MU3																MU2	MU2
MB1								MN2				MN2					
MB2												MN2			MN2		
ML1.5							ML2/3			ML2/3				ML2/3			
ML2							ML2/3			ML2/3				ML2/3			
Relay Range (A) Starter Type		Contactors used															
		MK1	MK1	MK1	MK1	MK1	MK1		MK1		MK1						
MK2											MK2			MK2			
MU1							MU1			MU1			MU1				
MU1H													MU1H	MU1H			
MU2										MU2				MU2		MU2	
MU3																MU3	MU3
MB1								MU1				MU1					
MB2												MU2			MU2		
ML1.5							ML1.5			ML1.5				ML1.5			
ML2							ML2			ML2				ML2			

Note: Newly introduced range MK2 DOL Starter

Composition for SASD (Semi Automatic Star-Delta) Starters

Relay Range (A) Starter Type		Relays used									
		4-6.5	6-10	9-14	9-15	11-18	13-21	13-22	14-23	20-32	20-33
MK1	MK1	MK1	MK1	MK1		MK1		MK1			
MU1				MU2			MU2				
MU2							MU2			MU2	
MB1					MN2				MN2		
MB2									MN2		MN2
ML1.5				ML2/3			ML2/3			ML2/3	
ML2				ML2/3			ML2/3			ML2/3	
Relay Range (A) Starter Type		Contactors Used									
		MK1	MK1			MK1		MK1			
MU1				MU1			MU1				
MU2							MU2			MU2	
MB1					MU1				MU1		
MB2									MU2		MU2
ML1.5				ML1.5			ML1.5			ML1.5	
ML2				ML2			ML2			ML2	



Starters and Controllers Offerings & Composition

Composition for FASD (Fully Automatic Star-Delta) Starters

Relays used										
Relay Range (A) Starter Type	4-6.5	6-10	9-14	9-15	11-18	13-21	13-22	14-23	20-32	20-33
MK1	MK1	MK1	MK1		MK1		MK1			
MU1			MU2			MU2				
MU2						MU2			MU2	
MB1				MN2				MN2		
MB2								MN2		MN2
ML1.5			ML2/3			ML2/3			ML2/3	
ML2			ML2/3			ML2/3			ML2/3	
Contactors used										
MK1	MK1	MK1	MK1		MK1		MK1			
MU1			MU1			MU1				
MU2						MU2			MU2	
MB1				MU1				MU1		
MB2								MU2		MU2
ML1.5			ML1.5			ML1.5			ML1.5	
ML2			ML2			ML2			ML2	

Note: Timer used inside MK1 FASD is MK1 Timer with combination coil and in rest all of FASD starters, it is ST100 Timer.

Composition for Controllers

Relay Range Controller Type (A)		Relays used												
		4-6.5	6-10	9-14	11-18	13-21	13-22	20-32	20-33	28-42	30-50	36-60	45-75	66-110
MU-G6		MK1	MK1	MK1										
MU-G10		MU1	MU1	MU2		MU2								
MU-G10H								MU2		MU2				
MU-G15			MK1	MK1	MK1		MK1							
MU-G20				MU2		MU2								
MU-G20H								MU2		MU2				
MU-G30									MN5		MN5			
MUG40											MN5	MN5		
MU-G50											MN5		MN5	
MU-G75													MN5	MN5
Contactors used														
MU-G6		MK1	MK1	MK1										
MU-G10		MU1	MU1	MU1		MU1								
MU-G10H								MU2		MU2				
MU-G15			MK1	MK1	MK1		MK1							
MU-G20				MU1		MU1								
MU-G20H								MU2		MU2				
MU-G30									ML2W		ML2W			
MUG40											ML3W	ML3W		
MU-G50											ML4W		ML4W	
MU-G75													ML6W	ML6W
Single Phase Preventer used														
MU-G6		Sz5	Sz5	Sz5										
MU-G10		Sz5	Sz5	Sz5		Sz5								
MU-G10H								Sz5		Sz5				
MU-G15			SDz5	SDz5	SDz5		SDz5							
MU-G20				SDz5		SDz5								
MU-G20H								SDz5		SDz5				
MU-G30									SDz5		SDz5			
MUG40											SDz5	SDz5		
MU-G50											SDz5		SDz5	
MU-G75													SDz5	SDz5

Note: For modes of operation of SPPR, refer page no.18



MK1 Starters



MK1 DOL Starters [HSN Code 8536]



Interior View of MK1 DOL

Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.			Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
		Coil Voltage 360V-W (200V - 400V)	Coil Voltage 360V	Coil Voltage 400/440V		
0.25 HP	0.6 - 1			SS96210POKO	1	1950
0.5 HP	1 - 1.6		SS96210COMO	SS96210POMO	1	1950
1 HP	1.5 - 2.5		SS96210COPO	SS96210POPO	1	1950
2 HP	2.5 - 4		SS96210CORO	SS96210PORO	1	1950
4 HP	4 - 6.5	SS96210SOTO	SS96210COTO	SS96210POTO	1	1950
6 HP	6 - 10	SS96210SOVO	SS96210COVO	SS96210POVO	1	1950
7.5 HP	9 - 14	SS96210SOAO	SS96210COAO	SS96210POAO	1	1950
7.5 HP	11 - 18	SS96211SOCO	SS96211COCO	SS96211POCO	1	2000
7.5 HP	13 - 22	SS96228SODO	SS96228CODO	SS96228PODO	1	2050

Note: For Single Phase Starter application, please refer page no. 12

MK1 SASD Starters [HSN Code 8536]



Interior View of MK1 SASD

Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
		Coil Voltage 360V	Coil Voltage 440V		
6 HP	4 - 6.5	SS96255COTO	SS96255POTO	1	6295
10 HP	6 - 10	SS96255COVO	SS96255POVO	1	6295
12.5 / 15 HP	9 - 14	SS96255COAO	SS96255POAO	1	6295
15 HP	11 - 18	SS96258COCO	SS96258POCO	1	6345
15 HP	13 - 22	SS96260CODO	SS96260PODO	1	6425

MK1 FASD Starters [HSN Code 8536]



Interior View of MK1 FASD

Suitable for Pump/Motor 3Ø, 415V 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
		Coil Voltage 360V	Coil Voltage 440V		
6 HP	4 - 6.5	SS96254COTO	SS96254POTO	1	7020
10 HP	6 - 10	SS96254COVO	SS96254POVO	1	7020
12.5 / 15 HP	9 - 14	SS96254COAO	SS96254POAO	1	7020
15 HP	11 - 18	SS96257COCO	SS96257POCO	1	7070
15 HP	13 - 22	SS96259CODO	SS96259PODO	1	7115



Spares for MK1 Starters



MK1 Spares

MK1 Spares [HSN Code 8538]

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MK1 Spares	Spare kit with hardware (4 sets of contacts)	CS9098300000	50	395
	Single moving contact	SS9100900000	10	40
	Push button unit	SS9000400000	1	90
	Arc shield	SS5000400000	1	95
	Contact bridge without contact	SS5000500000	1	90
	Aux. contact block: 1NO + 1NC	SS9012000000	50	205
	Thermal timer without combination coil	SS9022400000	1	570



MK1 Standard Operating Coil

MK1 Coil [HSN Code 8538]

MK1 Standard Operating Coil	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
	220V	SS9004400000	10	155
	230 / 250V	SS9004500000	10	155
	360V	SS9016500000	10	155
	400 / 440V	SS9004700000	10	155
Wide Band Coil	360V-W (200V - 400V)	SS9099300000	10	180



MK1 Contactor

MK1 Contactors [HSN Code 8536]

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MK1 Contactors	220V	SS95200K0000	10	1110
	230 / 250V	SS95200N0000	10	1110
	360V	SS95200C0000	10	1110
	360V-W (200V - 400V)	SS95200S0000	10	1110
	400 / 440V	SS95200P0000	10	1110



MK1 Combination Coil

MK1 Combination Coil [HSN Code 8538]

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MK1 Combination Coil	Combination coils for 400 / 440V	SS9044300000	10	375
	Combination coils for 230V	SS9044400000	10	375
	Combination coils for 380V	SS9044500000	10	375
	Combination coils for 360V	SS9044600000	10	375



MK1 Relay

MK1 Relays [HSN Code 8536]

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MK1 Relays	0.6 - 1A	SS9003500K00	10	720
	1 - 1.6A	SS9003500M00	10	720
	1.5 - 2.5A	SS9003500OPO	10	720
	2.5 - 4A	SS9003500ORO	10	720
	4 - 6.5A	SS9003500OTO	10	720
	6 - 10A	SS9003500OVO	10	720
	9 - 14A	SS9003500OAO	10	720
	11 - 18A	SS9003600OCO	10	750
	13 - 22A	SS9188800ODO	10	820



MK2 Starters



Interior View of MK2 DOL

MK2 DOL Starters [HSN Code 8536]

Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.			Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
		Coil Voltage 360V-W (200V - 400V)	Coil Voltage 360V	Coil Voltage 400/440V		
7.5 HP	13 - 22	CS90947SODO	CS90947CODO	CS90947PODO	1	2220
7.5 HP	20 - 32	CS90947SOEO	CS90947COEO	CS90947POEO	1	2220



MK2 Spares

Spares for MK2 Starters [HSN Code 8538]

MK2 Spares	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
	Spare kit with hardware (4 sets of contacts)	CS90956O000	50	525
	Single moving contact	CS90951O000	10	50
	Push button unit	SS90004O000	1	90
	Arc shield	CS91013O000	1	100
	Contact bridge without contact	CS91014O000	1	95



MK1 / MK2 Standard Operating Coil

MK1 / MK2 Coil [HSN Code 8538]

MK1 / MK2 Standard Operating Coil	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
	220V	SS90044O000	10	155
	230 / 250V	SS90045O000	10	155
	360V	SS90165O000	10	155
	400 / 440V	SS90047O000	10	155
Wide Band Coil	360V-W (200V - 400V)	SS90993O000	10	180

MK2 Contactors [HSN Code 8536]



MK2 Contactor

MK2 Contactors	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
	220V	CS90945K000	10	1195
	230 / 250V	CS90945N000	10	1195
	360V	CS90945C000	10	1195
	360V-W (200V - 400V)	CS90945S000	10	1195
	400 / 440V	CS90945P000	10	1195



MK2 Relay

MK2 Relays [HSN Code 8536]

MK2 Relays	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
	13 - 22A	CS90946OODO	10	880
	20 - 32A	CS90946OOEO	10	880



New



Features

- Micro-controller based protection design
- Digital Ammeter and Voltmeter in select variants
- Auto/Manual/Bypass Mode available
- Suitable for all starters – upto 40A
- Protections available – Voltage Single Phasing, Current Single Phasing, Voltage unbalance fault from supply side, Current unbalance fault from motor side, Phase reversal fault, Under voltage fault, Overvoltage fault
- Dry-run fault (Adjustable current setting and adjustable reset time)

Recommended i-PROTECTOR for L&T starters:

Product	DOL								Star - Delta					
	3-Phase Starter				1- Phase Starters	3- Phase Controller		1- Phase Controller	3-Phase SASD / FASD Starters				3-Phase Controller (FASD)	
	MK1 / MK2	MU1 / MU1H / MU2 / MU3	MB1 / MB2	ML1.5 / ML2 /3	MU-2P	MU-G6	MU-G10 / MU-G10H	MR-G2 / MR-G3	MK1	MU1 / MU2	MB1 / MB2	ML1.5 / ML2 /3	MU-G15	MU-G20 / MU-G20H
i-AD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
i-ADS / i-ADSM	✓	✓	✓	✓		✓*	✓*		✓	✓	✗	✓	✓*	✓*
i-VDS / i-VDSM	✓	✓	✓	✓		✓*	✓*		✓	✓	✗	✓	✓*	✓*

* Note: MU-G Controller is provided with Sz5 /Sdz5. In case of upgradation, use i-ADS, i-ADSM, i-VDS, i-VDSM in place of SPFR

✓ Note: i-Protector is compatible with the mentioned starter

i-PROTECTOR [HSN Code 8536]

Product Designation	Product Details	240 V	360 V	380 V	415 V	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
i-AD	Dry run protection relay (current based)	CS90861BOOO				1	830
i-AD	Dry run protection relay (current based)		CS90861COOO	CS90861LOOO	CS90861DOOO	1	850
i-ADS	Single phasing preventer & dry run protection relay (current based)		CS90862COOO	CS90862LOOO	CS90862DOOO	1	1650
i-ADSM	Single phasing preventer & dry run protection relay + VI meter (current based)		CS90863COOO	CS90863LOOO	CS90863DOOO	1	2095
i-VDS	Single phasing preventer & dry run protection relay (voltage based)		CS90866COOO	CS90866LOOO	CS90866DOOO	1	1480
i-VDSM	Single phasing preventer & dry run protection relay + VI meter (voltage based)		CS90875COOO	CS90875LOOO	CS90875DOOO	1	2095



LTLK MCB with K-Curve

Exclusively for Agricultural Pumps



New



Features

- Range available from 6A to 125A - 3 Pole and 6A to 50A - 2 Pole
- Specially designed MCBs with K-Curve
 - Short circuit tripping band suitable for submersible pumps
 - Offers effective short circuit protection
- Rated Voltage: 240V & 415V AC
- Breaking Capacity
 - 10kA as per IEC 60947-2 up to 63A
 - 15kA as per IEC 60947-2 up to 100A-125A
- Distinct advantages over rewirable fuse
 - No need of replacing "fuse wire" in case of fault
 - Simple to resume supply by switching ON MCB
 - Saving in fuse replacement time and saving in money
 - Longer life
 - Safer in operation

MCB Selection for Controllers

2 Pole			3 Pole		
Product	Relay Range	MCB Rating (A)	Product	Relay Range	MCB Rating (A)
MR-G2	4-6.5	10	MU-G6	4-6.5	10
	06-10	10		06-10	10
	09-14	16		09-14	16
	10-18	20	MU-G10	4-6.5	10
	13-22	25		06-10	10
MR-G3	16-26	32		09-14	16
	20-32	32		13-21	25
			MU-G10H	20-32	32
				28-42	50
			MU-G20	09-14	40
				13-21	50
			MU-G20H	20-32	100
				28-42	125

MCB CAT NOS. & Ratings [HSN Code 8536]



MCB Pole	Cat. No.	MCB Rating (A)	Module 1Mod=17.5mm	Std. Pkg. (Nos.)*	M.R.P. (₹) Per Unit
2 - Pole	LK20060K	6	2	6	445
	LK20100K	10	2	6	445
	LK20160K	16	2	6	445
	LK20200K	20	2	6	445
	LK20250K	25	2	6	445
	LK20320K	32	2	6	445
	LK20500K	50	2	6	720



MCB Pole	Cat. No.	MCB Rating (A)	Module 1Mod=17.5mm	Std. Pkg. (Nos.)*	M.R.P. (₹) Per Unit
3 - Pole	LK30060K	6	3	4	725
	LK30100K	10	3	4	725
	LK30160K	16	3	4	725
	LK30200K	20	3	4	725
	LK30250K	25	3	4	725
	LK30320K	32	3	4	725
	LK30400K	40	3	4	1120
	LK30500K	50	3	4	1120
	LK30630K	63	3	4	1120
	LK31000K	100	4.5	1	4640
	LK31250K	125	4.5	1	5145

* Includes DIN channel & hardware for individual MCB up to 63A



M-POWER+ Module For Mobile Starters

Now with
Android app &
IVRS feature in
10 regional languages



M-POWER+ [HSN Code 8538]



Wire Type Antenna

Description	IVRS Languages	Suitable Region	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
M-POWER+ Module for Mobile Starter - 1P/3P 3 Wire	English, Hindi, Marathi, Punjabi, Gujarati	North & West	GSM0301OONO	1	6150
	English, Hindi, Kannada, Telugu, Tamil	South	GSM0301OOSO	1	6150
	English, Hindi, Bengali, Odiya, Assamese	East	GSM0301OOEO	1	6150



Controller-side Wire Harness & Module-side Wire Harness

M-POWER Accessories

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Wire Type Antenna [8538]	GSM0301A000	1	380
Controller-side Wire Harness [8544]	GSM0301C000	1	90
Module-side Wire Harness [8544]	GSM0301G000	1	135

MU - Automatic DOL Starters



Interior View of MU-A DOL

MU-Automatic DOL Starter [HSN Code 8536]

Starter Type	Suitable for Pump/ Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
			Coil Voltage 360V	Coil Voltage 415V		
MU-1A DOL (with Sz5 SPPR)	7.5 HP	9 - 14	CS90898COAO	CS90898DOAO	1	4510
	10 HP	13 - 21	CS90898COCO	CS90898DOCO	1	4590
	10 HP	15 - 25	CS90898CODO	CS90898DODO	1	4685
MU-1HA DOL (with Sz5 SPPR)	10 HP	15 - 25	CS90899CODO	CS90899DODO	1	4800
	12.5 HP	20 - 32	CS90899COEO	CS90899DOEO	1	4935
MU-2A DOL (with Sz5 SPPR)	12.5 HP	13 - 21	CS90900COCO	CS90900DOCO	1	5400
	15 HP	20 - 32	CS90900COEO	CS90900DOEO	1	5620
	15 HP	24 - 38	CS90900COGO	CS90900DOGO	1	5715
MU-3A DOL (with Sz5 SPPR)	15 HP	24 - 38	CS90901COGO	CS90901DOGO	1	5935
	17.5 HP	28 - 42	CS90901COFO	CS90901DOFO	1	6080



MU / MB Starters



MU / MB DOL Starters [HSN Code 8536]



Interior View of MU DOL

Starter Type	Suitable for Pump/ Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
			Coil Voltage 360V	Coil Voltage 415V		
MU1 DOL (with MU relay)	7.5 HP	9 - 14	SS95647COAO	SS95647DOAO	10	3160
	10 HP	13 - 21	SS95647COCO	SS95647DOCO	10	3275
	10 HP	15 - 25	SS95647CODO	SS95647DODO	10	3350
MU1H DOL (with MU relay)	10 HP	15 - 25	CS90622CODO	CS90622DODO	10	3480
	12.5 HP	20 - 32	CS90622COEO	CS90622DOEO	10	3660
MU2 DOL (with MU relay)	12.5 HP	13 - 21	SS95648COCO	SS95648DOCO	10	4065
	15 HP	20 - 32	SS95648COEO	SS95648DOEO	10	4345
	15 HP	24 - 38	SS95648COGO	SS95648DOGO	10	4450
MU3 DOL (with MU relay)	15 HP	24 - 38	CS90613COGO	CS90613DOGO	10	4645
	17.5 HP	28 - 42	CS90613COFO	CS90613DOFO	10	4850
MB1 DOL (with MN relay)	7.5 HP	9 - 15	SS95649COBO	SS95649DOBO	8	3425
	10 HP	14 - 23	SS95649CODO	SS95649DODO	8	3510
MB2 DOL (with MN relay)	12.5 HP	14 - 23	SS95650CODO	SS95650DODO	8	4505
	15 HP	20 - 33	SS95650COEO	SS95650DOEO	8	4715

MU / MB SASD Starters [HSN Code 8536]



Interior View of MU SASD

Starter Type	Suitable for Pump/ Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
			Coil Voltage 360V	Coil Voltage 415V		
MU1 SASD (with MU relay)	12.5 HP	9 - 14	SS95891COAO	SS95891DOAO	1	8205
	15 HP	13 - 21	SS95891COCO	SS95891DOCO	1	8310
MU2 SASD (with MU relay)	20 HP	13 - 21	SS95893COCO	SS95893DOCO	1	10160
	30 HP	20 - 32	SS95893COEO	SS95893DOEO	1	10400
MB1 SASD (with MN relay)	12.5 HP	9 - 15	SS95895COBO	SS95895DOBO	1	9655
	15 HP	14 - 23	SS95895CODO	SS95895DODO	1	9780
MB2 SASD (with MN relay)	20 HP	14 - 23	SS95897CODO	SS95897DODO	1	11315
	30 HP	20 - 33	SS95897COEO	SS95897DOEO	1	11530

MU / MB FASD Starters [HSN Code 8536]



Interior View of MU FASD

Starter Type	Suitable for Pump/ Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
			Coil Voltage 360V	Coil Voltage 415V		
MU1 FASD (with MU relay)	12.5 HP	9 - 14	SS95890COAO	SS95890DOAO	1	9565
	15 HP	13 - 21	SS95890COCO	SS95890DOCO	1	9665
MU2 FASD (with MU relay)	20 HP	13 - 21	SS95892COCO	SS95892DOCO	1	11175
	30 HP	20 - 32	SS95892COEO	SS95892DOEO	1	11420
MB1 FASD (with MN relay)	12.5 HP	9 - 15	SS95894COBO	SS95894DOBO	1	10230
	15 HP	14 - 23	SS95894CODO	SS95894DODO	1	10330
MB2 FASD (with MN relay)	20 HP	14 - 23	SS95896CODO	SS95896DODO	1	12400
	30 HP	20 - 33	SS95896COEO	SS95896DOEO	1	12635



Spares for MU / MB Starters



MU1 Contactor



MU1H Contactor



MU2 Contactor



MU3 Contactor

MU Contactor [HSN Code 8536]

Component	AC3 Rating	AC1 Rating	Type	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU1 Contactor	16A	55A	MU1 360V	CS94007COOO	10	1775
			MU1 415V	CS94007DOOO	10	1775
MU1H Contactor	20A	55A	MU1H 360V	CS90623COOO	10	1935
			MU1H 415V	CS90623DOOO	10	1935
MU2 Contactor	25A	63A	MU2 360V	CS94008COOO	10	2410
			MU2 415V	CS94008DOOO	10	2410
MU3 Contactor	32A	63A	MU3 360V	CS90609COOO	10	2905
			MU3 415V	CS90609DOOO	10	2905



MU1 Relay



MU2 Relay

MU Relay [HSN Code 8536]

Component	Type	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU1 Relay	4 - 6.5A	SS96557OOTO	1	980
	6 - 10A	SS96557OOVO	1	980
MU2 Relay	9 - 14A	SS95979OOAO	1	1070
	13 - 21A	SS95979OOCO	1	1135
	15 - 25A	SS95979OODO	1	1240
	20 - 32A	SS95979OOEO	1	1385
	24 - 38A	SS95979OOGO	1	1520
	28 - 42A	SS95979OOFO	1	1645



MU Contact Bridge



MU Spare Kit



MU Coil

MU Contactor Spares [HSN Code 8538]

Type	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU1 contact bridge	CS94994OOOO	10	95
MU1H contact bridge	CS91099OOOO	10	95
MU2 contact bridge	CS94994OOOO	10	95
MU3 contact bridge	CS91096OOOO	10	95
MU1 single moving contact	CS94995OOOO	1	95
MU1H single moving contact	CS91102OOOO	1	125
MU2 single moving contact	CS94996OOOO	1	180
MU3 single moving contact	CS91103OOOO	1	240
MU-Add ON Block - 1NO + 1NC (LHS)	SS94072OOOO	10	160

Spares For MU / MB [HSN Code 8538]

Component	Type	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Spare Kit	MU1	CS94010OOOO	1	625
	MU1H	CS90624OOOO	1	825
	MU2	CS94011OOOO	1	1115
	MU3	CS90612OOOO	1	1415
MU Coils	240V	CS94009BOOO	10	475
	360V	CS94009COOO	10	475
	415V	CS94009DOOO	10	475
Spare Relay Extension Knob (Pack of 20 Nos.)	MU1	CS94336OOOO	1	60
	MU2	CS94337OOOO	1	60
Spare Housing	MU1	CS94998OOOO	10	240
	MU1H	CS91098OOOO	10	240
	MU2	CS94999OOOO	10	240
	MU3	CS91060OOOO	10	240



MU Spare Housing



Relay Extension Knob



ML DOL Starters [HSN Code 8536]



Interior View of
ML DOL

Starter Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.			Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
			Coil Voltage 360V	Coil Voltage 380V	Coil Voltage 440V		
ML1.5 DOL	7.5 HP	9 - 14	SS91854COAO		SS91854POAO	1	5710
	12.5 HP	13 - 21	SS91854COCO		SS91854POCO	1	5710
	15 HP	20 - 32	SS91854COEO		SS91854POEO	1	5710
ML2 DOL (Heavy duty)	7.5 HP	9 - 14		SS90702LOAO	SS90702POAO	1	9515
	10/12.5 HP	13 - 21	SS90702COCO	SS90702LOCO	SS90702POCO	1	9515
	20 HP	20 - 32	SS90702COEO	SS90702LOEO	SS90702POEO	1	9515

ML SASD Starters [HSN Code 8536]



Interior View of
ML SASD

Starter Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.			Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
			Coil Voltage 360V	Coil Voltage 380V	Coil Voltage 440V		
ML1.5 SASD	12.5 HP	9 - 14	SS91856COAO		SS91856POAO	1	13145
	20 HP	13 - 21	SS91856COCO		SS91856POCO	1	13145
	25 HP	20 - 32	SS91856COEO		SS91856POEO	1	13145
ML2 SASD (Heavy duty)	12.5 HP	9 - 14	SS90707COAO			1	22980
	20 HP	13 - 21	SS90707COCO	SS90707LOCO	SS90707POCO	1	22980
	35 HP	20 - 32	SS90707COEO	SS90707LOEO	SS90707POEO	1	22980

ML FASD Starters [HSN Code 8536]



Interior View of
ML FASD

Starter Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.			Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
			Coil Voltage 360V	Coil Voltage 380V	Coil Voltage 440V		
ML1.5 FASD	12.5 HP	9 - 14	SS91855COAO		SS91855POAO	1	14920
	20 HP	13 - 21	SS91855COCO		SS91855POCO	1	14920
	25 HP	20 - 32	SS91855COEO		SS91855POEO	1	14920
ML2 FASD (Heavy duty)	12.5 HP	9 - 14			SS90705POAO	1	23695
	20 HP	13 - 21	SS90705COCO	SS90705LOCO	SS90705POCO	1	23695
	35 HP	20 - 32	SS90705COEO		SS90705POEO	1	23695



Spares For ML Starters



ML1.5 Contactor

ML Contactor [HSN Code 8536]

Component	Type	AC3 Rating (A)	AC1 Rating (A)	Aux. Contacts	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
ML Contactor	ML1.5	25	25	2 NO + 2 NC	SS91851COOO	1	2830
	ML2W	32	40	2 NO + 2 NC	CS96005LOOO	1	5255
	ML3W	40	45	2 NO + 2 NC	CS90907LOOO	1	7755
	ML4W	70	100	2 NO + 2 NC	CS96006LOOO	1	12685
	ML6W	110	125	2 NO + 2 NC	CS90168LOOO	1	20020



Standard Operating Coil ML1.5

ML Coil [HSN Code 8538]

Component	Voltage	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Standard Operating Coils for ML1.5	240V	SS90873BOOO	10	635
	360V	SS90873COOO	10	635
	380V	SS90873LOOO	10	635
	440V	SS90873POOO	10	635



Standard Operating Coil ML2 / ML3

Standard Operating Coils for ML2/ML2W/ML3/ML3W Contactor	240V	SS90545BOOO	10	1060
	360V	SS90545COOO	10	1060
	380V	SS90545LOOO	10	1060
	440V	SS90545POOO	10	1060

Standard Operating Coils for ML4/ML4W Contactor	240V	SS91258 BOOO	10	2025
	360V	SS91258 COOO	10	2025
	380V	SS91258 LOOO	10	2025
	440V	SS91258 POOO	10	2025
Wideband Coil for ML6W Contactor	380V	CS90169LOOO	10	2025

ML1.5 [HSN Code 8538]

Spare kit without coil	ML1.5	SS95305OOOO	50	1530
Moving contacts kit	ML1.5	SS92817OOOO	10	445
Front Housing & Moving Bridge kit	ML1.5	ST28734OOOO	10	460

ML2 [HSN Code 8538]

Spare kit without coil	ML2	SS95307OOOO	10	2490
Moving contacts kit	ML2	SS92818OOOO	10	665
Front Housing & Moving Bridge kit	ML2	ST23866OOOO	10	630

ML Relay [HSN Code 8536]



ML1 Relay



ML2 / ML3 Relay

Type of Mounting (Operation)	Relay Range (A)	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
(Directly Operated)	ML1			
	4 - 6.5	SS91858OOTO	10	1990
	6 - 10	SS91858OOVO	10	1990
	10 - 16	SS91858OOBO	10	1990
(Directly Operated)	ML2 / ML3			
	9 - 14	SS91859OOAO	2	2940
	13 - 21	SS91859OOCO	2	2940
	20 - 32	SS91859OOEO	2	2940
	28 - 42	SS91859OOF0	2	2940



Single Phase / Three Phase Starters



Interior View of
MU-2P DOL Starter

MU-2P Single Phase Starters [HSN Code 8536]

Suitable for Pump/Motor 1Ø, 230V, 50Hz	Relay Range (A)	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
0.125 HP	1 - 1.6	CS90319KOMO	1	1430
0.25 HP	1.5 - 2.5	CS90319KOPO	1	1430
0.5 HP	2.5 - 4	CS90319KORO	1	1430
0.75 HP	4 - 6.5	CS90319KOTO	1	1430
1 HP	6 - 10	CS90319KOVO	1	1430
2 HP	9 - 14	CS90319KOAO	1	1430
2 HP	11 - 18	CS90319KOCO	1	1470
3 HP	13 - 22	CS90319KODO	1	1515



Interior View of
MF1 DOL - 1Ø Starter

MF1 Single Phase Starters [HSN Code 8536]

Suitable for Pump/Motor 1Ø, 230V, 50Hz	Relay Range (A)	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
0.75 HP	4.5 - 7	SS97227OOTO	1	890
1.25 HP	6.5 - 11	SS97227OOVO	1	890
2 HP	10.5 - 17.5	SS97227OOBO	1	890
3 HP	12-20	SS97227OOCO	1	890



Interior View of
MF1 DOL - 3Ø Starter

MF1 Three Phase Starters [HSN Code 8536]

Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
0.125 HP	0.4 - 0.65	SS97210OOHO	1	1190
0.25 HP	0.6 - 1	SS97210OOKO	1	1190
0.5 HP	1 - 1.6	SS97210OOMO	1	1190
1.25 HP	1.5 - 2.5	SS97210OOPO	1	1190
2 HP	2.5 - 4	SS97210OORO	1	1190
4 HP	4 - 6.5	SS97210OOTO	1	1190
6 HP	6 - 10	SS97210OOVO	1	1190
7.5 HP	9 - 15	SS97210OOBO	1	1190
7.5 HP	11 - 18	SS97210OOCO	1	1190

SMART CONTROLLER

Makes Farming Easy



- Microcontroller based technology
- Remote ON/OFF operation and pump status through missed call and IVRS
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- Available with or without Water Level Controller
- In-built anti-theft protection, gives emergency alert to your mobile when some one steals your pump, cable or controller
- Anti-theft feature is active even if no power for 48 hours
- Complete and accurate digital protection for your pump



A Controller for every need of your pump

For more details, kindly contact nearest branch.

Solar Controller

Because nature has the best technology



- Maximum Power Point Tracking (MPPT) to deliver maximum power during the day
- Grid compatible :
Can be operated on Solar or on Grid power supply
- Remote ON/OFF, parameter setting, monitoring and troubleshooting through mobile and Android app (In-built GSM, GPS and GPRS)
- Error proof, even you connect solar output with any polarity to the panel
- Automatic Start Stop as per the Sun-ray intensity
- Suitable for outdoor installation



Harness the power of Sun, with Solar Controller

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MU-G6 / 10 / 15 / 20 Three Phase Submersible Pump Controllers (with Single Phase Preventer)



New Layout with rigid wiring



Interior View of MU-G6 DOL

MU-G6 DOL (With Wideband Coil) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz	Relay Range (A)	Coil Voltage	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU-G6 DOL	3 HP	4 - 6.5	360V-W (200V-400V)	SS97756COTO	1	5800
	5 HP	6 - 10	360V-W (200V-400V)	SS97756COVO	1	5800
	6 HP	9 - 14	360V-W (200V-400V)	SS97756COAO	1	5800



Interior View of MU-G10 DOL

MU-G10 DOL (With Wideband Coil) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz		Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
				Coil Voltage 360V	Coil Voltage 415V		
MU-G10 DOL	3 HP	2.2 kW	4 - 6.5	SS95983COTO	SS95983DOTO	1	6645
	5 HP	3.7 kW	6 - 10	SS95983COVO	SS95983DOVO	1	6645
	7.5 HP	5.5 kW	9 - 14	SS95983COAO	SS95983DOAO	1	6740
	10 HP	7.5 kW	13 - 21	SS95983COCO	SS95983DOCO	1	6825
MU-G10H DOL (Heavy duty)	10 HP	7.5 kW	20 - 32	SS95974COEO	SS95974DOEO	1	7695
	10 HP	7.5 kW	28 - 42	SS95974COFO	SS95974DOFO	1	7915



Interior View of MU-G15 FASD

MU-G15 FASD (With Wideband Coil) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz		Relay Range (A)	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
				Coil Voltage 360V-W (200V - 400V)		
MU-G15 FASD	10 HP	7.5 kW	6 - 10	CS94091SOVO	1	11000
	15 HP	11 kW	9 - 14	CS94091SOAO	1	11000
	15 HP	11 kW	11 - 18	CS94091SOCO	1	11045
	15 HP	11 kW	13 - 22	CS94091SODO	1	11095



Interior View of MU-G20 FASD

MU-G20 FASD (With Wideband Coil) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz		Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
				Coil Voltage 360V	Coil Voltage 415V		
MU-G20 FASD	15 HP	11 kW	9 - 14	SS95984COAO	SS95984DOAO	1	12915
	20 HP	15 kW	13 - 21	SS95984COCO	SS95984DOCO	1	12985
MU-G20H FASD (Heavy duty)	20 HP	15 kW	20 - 32	SS95975COEO	SS95975DOEO	1	15560
	20 HP	15 kW	28 - 42	SS95975COFO	SS95975DOFO	1	15890



MU-G30 / 40 / 50 / 75 Three Phase Submersible Pump Controller (with Single Phase Preventer)

With ML Contactor & MN5 Relay



Interior View of MU-G30 FASD

MU-G30 FASD (With Wideband Coil) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz	Relay Range (A)	Coil Voltage	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU-G30 FASD	20 HP	20 - 33	380V	CS96008COEO	1	25865
	30 HP	30 - 50	380V	CS96008COGO	1	26480



Interior View of MU-G40 FASD

MU-G40 FASD (With Wideband Coil) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz	Relay Range (A)	Coil Voltage	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU-G40 FASD	30 HP	30 - 50	380V	CS90908LOGO	1	30385
	40 HP	36 - 60	380V	CS90908LOTO	1	30845



Interior View of MU-G50 FASD

MU-G50 FASD (With Wideband Coil) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz	Relay Range (A)	Coil Voltage	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU-G50 FASD	30 HP	30 - 50	380V	CS96009COGO	1	41060
	50 HP	45 - 75	380V	CS96009COJO	1	42305



Interior View of MU-G75 FASD

MU-G75 FASD (With Wideband Coil) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz	Relay Range (A)	Coil Voltage	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU-G75 FASD	50 HP	45 - 75	380V	CS96451LOJO	1	57865
	75 HP	66 - 110	380V	CS96451LOKO	1	57865

Spare MN Relay [HSN Code 8536]



MN 2



MN 5

Type of Mounting (Operation)	Relay Range (A)	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
(Directly Operated) Direct Mounting	MN 2			
	6 - 10	SS94142OOVO	10	1240
	9 - 15	SS94142OOBO	10	1270
	14 - 23	SS94144OODO	10	1395
(Directly Operated) Direct Mounting	20 - 33	SS94145OOEO	10	2020
	MN 5			
	20 - 33	SS94136OOEO	10	2530
	30 - 50	SS94136OOGO	10	2805
	36 - 60	SS94136OOTO	10	3260
	45 - 75	SS94137OOJO	10	3500
	66 - 110	SS94137OOKO	10	4030



MU-G 10W / 20W / 30W Three Phase Submersible Controller (with WLC & SPPR)



MU-G10W DOL (With Wideband Coil) [HSN Code 8536]



Interior View of
MU-G10W DOL

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz		Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
	HP	kW		Coil Voltage 360V	Coil Voltage 415V		
MU-G10W DOL with in-built WLC	3	2.2	4 - 6.5	CS91037COTO	CS91037DOTO	1	8380
	5	3.7	6 - 10	CS91037COVO	CS91037DOVO	1	8380
	7.5	5.5	9 - 14	CS91037COAO	CS91037DOAO	1	8480
MU-G10W DOL (Heavy duty) with in-built WLC	10	7.5	13 - 21	CS91037COCO	CS91037DOCO	1	8555
	10	7.5	20 - 32	CS91037COEO	CS91037DOEO	1	9460
	10	7.5	28 - 42	CS91037COFO	CS91037DOFO	1	9665

MU-G20W FASD (With Wideband Coil) [HSN Code 8536]



Interior View of
MU-G20W FASD

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz		Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
	HP	kW		Coil Voltage 360V	Coil Voltage 415V		
MU-G20W FASD with in-built WLC	15	11	9 - 14	CS91038COAO	CS91038DOAO	1	14365
	20	15	13 - 21	CS91038COCO	CS91038DOCO	1	14425
MU-G20W FASD (Heavy duty) with in-built WLC	20	15	20 - 32	CS91038COEO	CS91038DOEO	1	16890
	20	15	28 - 42	CS91038COFO	CS91038DOFO	1	17205

MU-G30W FASD (With Wideband Coil) [HSN Code 8536]



Interior View of
MU-G30W FASD

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz	Relay Range (A)	Coil Voltage	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU-G30W FASD with in-built WLC	20 HP	20 - 33	380V	CS91039COEO	1	26025
	30 HP	30 - 50	380V	CS91039COGO	1	26600



MR-G2W Single Phase Submersible Controller (with WLC)



MR-G2W with in-built WLC (Ammeter & Voltmeter version only): [HSN Code 8536]

Maximum Submersible Pump Rating at 1F, 230V, 50Hz	Cat. No.	Relay Range (A)	Start Capacitor 275V, 50Hz MFD	Run Capacitor 440V, 50Hz MFD	M.R.P. (₹) Per Unit
0.5HP	CS91040BATC	4 - 6.5	80/100	1x25	6870
	CS91040BAVC	6 - 10	80/100	1x25	
	CS91040BAVE	6 - 10	80/100	1x36	
1HP	CS91041BBVE	6 - 10	100/120	1x36	7155
	CS91041BBVG	6 - 10	100/120	1x50	
	CS91041BCVE	6 - 10	120/150	1x36	
	CS91041BCVG	6 - 10	120/150	1x50	
	CS91041BBAE	9 - 14	100/120	1x36	
	CS91041BBAG	9 - 14	100/120	1x50	
	CS91041BCAE	9 - 14	120/150	1x36	
	CS91041BCAG	9 - 14	120/150	1x50	
1.5HP	CS91042BCAG	9 - 14	120/150	1x50	7510
	CS91042BCAF	9 - 14	120/150	2x36	
	CS91042BDAG	9 - 14	150/200	1x50	
	CS91042BDAF	9 - 14	150/200	2x36	
	CS91042BCCG	11 - 18	120/150	1x50	
	CS91042BCCF	11 - 18	120/150	2x36	
	CS91042BDCG	11 - 18	150/200	1x50	
	CS91042BDCF	11 - 18	150/200	2x36	
2HP	CS91043BDCF	11 - 18	150/200	2x36	7680
	CS91043BECF	11 - 18	200/250	2x36	
	CS91043BDDF	13 - 22	150/200	2x36	
	CS91043BEDF	13 - 22	200/250	2x36	
	CS91043BEDG	13 - 22	200/250	1x50	
3HP	CS91044BEDH	13 - 22	200/250	2x36	7955



Interior View of MR-G2W



WLC

Water Level Controller [HSN Code 9032]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Water Level Controller (240V)(Double Tank application)	XM81052O000	1	1140
Water Level Controller (415V)(Double Tank application)	XM81053O000	1	1140
Water Level Controller (240V) (Single Tank application)	XM81055O000	1	1085
Water Level Controller (415V) (Single Tank application)	XM81056O000	1	1085
WLC probes (set of 3 nos.)	XM81051O000	1	370
WLC probes (set of 6 nos.)	XM81076O000	1	745



Spares for MU-G Submersible Pump Controller



Terminal Block
60A-3 Way



Terminal Block
30A-5 Way



Terminal Block
60A-6 Way



Terminal Block
100A-3 Way



Toggle Switch



Indicating Lamp
Red & Green



Rocker Switch



Volt-Ammeter

With Settable Time
ON Delay
30sec - 5min



SPPR Type Sz5 (7 Wire & 6 Wire)

With Settable Time
ON Delay
30sec - 5min



SPPR Type SDz5



Timer
ST100

Terminal Block [HSN Code 8538]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Terminal Block 30A - 5 way (For MR-G2)	CS9603200000	1	150
Terminal Block 60A - 3 way (For MU-G10/20)	CS9480600000	1	115
Terminal Block 60A - 6 way (For MU-G20)	CS9480800000	1	195
Terminal Block 100A - 3 way (For MU-G30/50)	CS9433800000	1	790
Terminal Block 125A - 3 way (For MU-G75)	CS9017200000	1	1440

Indicating lamp [HSN Code 8531]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Indicating lamp Red 415V	CS94810D0000	1	210
Indicating lamp Green 415V	CS94812D0000	1	210
Spare Lamp, MR-G Controller	CS9612600000	1	50

Rocker switch [HSN Code 8538]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Rocker switch (For MU-G6 to MU-G20)	CS9028400000	1	45
Rocker switch (For MU-G30 to MU-G75)	CS9027200000	1	85
Voltage selector switch	CS9433500000	1	315

Volt-Ammeter [HSN Code 9030]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Volt-Ammeter 500V 30A	CS94817EOEO	1	785
Volt-Ammeter 500V 60A	CS94817EOTO	1	940
Volt-Ammeter 500V, 0-75A	CS9005500000	1	940
Volt-Ammeter 500V, 0-100A	CS9005600000	1	940
Volt-Ammeter 500V, 0-125A	CS9005700000	1	940
30A Ammeter Spare for MR-G Controller	CS9602600000	1	405
Volt-Ammeter (30A, 300V AC) for MR-G Controller	CS9602800000	1	670

SPPR [HSN Code 9032]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
SPPR type Sz5 (7 Wire), 380V	ST9216600000	1	625
SPPR type Sz5 (6 Wire), 360V (For MU-G10/10H)	CS94824C0000	1	625
SPPR type Sz5 (6 Wire), 380V (For MU-G6)	CS94824L0000	1	625
SPPR type Sz5 (6 Wire), 415V (For MU-G10/10H)	CS94824D0000	1	625
SPPR type SDz5, 360V (For MU-G20/20H)	XM8180800000	1	1225
SPPR type SDz5, 380V (For MU-G30/40/50/75)	XM8180700000	1	1225
SPPR type SDz5, 415V (For MU-G15/20/20H)	XM8180900000	1	1225

SPPR Type	Modes of Operation			Timer
	Auto	Manual	Bypass	
Sz5	✓	✓	✓	
SDz5	✓	✓	✓	✓

Electronic Star-Delta Timer [HSN Code 9107]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Electronic Star-Delta Timer type ST100 160 - 500V, for 3 - 30 sec	ST8032800000	1	1375

Note: ST100 supplied with mounting kit, suitable for ET100 replacement.



MR-G2 / MR-G3 Single Phase Submersible Pump Controller



With
MU-2P Contactor
& MU-2P Relay



MR-G2 / MR-G3 Controller [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 1Ø, 230V, 50Hz	Cat. No.	Relay Range (A)	Start Capacitor 275V, 50Hz MFD	Run Capacitor 440V, 50Hz MFD	With Ammeter & Voltmeter	With Ammeter Only	M.R.P. (₹) Per Unit
MR-G2	0.5 HP	SS97720BATC	4 - 6.5	80/100	1 x 25	Yes	-	3390
		SS97720BAVC	6 - 10	80/100	1 x 25			
		SS97720BAVE	6 - 10	80/100	1 x 36			
		SS96988BATC	4 - 6.5	80/100	1 x 25	-	Yes	3255
		SS96988BAVC	6 - 10	80/100	1 x 25			
		SS96988BAVE	6 - 10	80/100	1 x 36			
	1 HP	SS97721BBVE	6 - 10	100/120	1 x 36	Yes	-	3695
		SS97721BBVG	6 - 10	100/120	1 x 50			
		SS97721BCVE	6 - 10	120/150	1 x 36			
		SS97721BCVG	6 - 10	120/150	1 x 50			
		SS97721BBAE	9 - 14	100/120	1 x 36			
		SS97721BBAG	9 - 14	100/120	1 x 50			
		SS97721BCAE	9 - 14	120/150	1 x 36			
		SS97721BCAG	9 - 14	120/150	1 x 50			
		SS96560BBVE	6 - 10	100/120	1 x 36	-	Yes	3550
		SS96560BBVG	6 - 10	100/120	1 x 50			
		SS96560BCVE	6 - 10	120/150	1 x 36			
		SS96560BCVG	6 - 10	120/150	1 x 50			
		SS96560BBAE	9 - 14	100/120	1 x 36			
		SS96560BBAG	9 - 14	100/120	1 x 50			
		SS96560BCAE	9 - 14	120/150	1 x 36			
		SS96560BCAG	9 - 14	120/150	1 x 50			
	1.5 HP	SS97722BCAG	9 - 14	120/150	1 x 50	Yes	-	3985
		SS97722BCAF	9 - 14	120/150	2 x 36			
		SS97722BDAG	9 - 14	150/200	1 x 50			
		SS97722BDAF	9 - 14	150/200	2 x 36			
		SS97722BCCG	11 - 18	120/150	1 x 50			
		SS97722BCCF	11 - 18	120/150	2 x 36			
		SS97722BDCG	11 - 18	150/200	1 x 50			
		SS97722BDCF	11 - 18	150/200	2 x 36	-	Yes	3870
		SS96989BCAG	9 - 14	120/150	1 x 50			
		SS96989BCAF	9 - 14	120/150	2 x 36			
		SS96989BDAG	9 - 14	150/200	1 x 50			
		SS96989BDAF	9 - 14	150/200	2 x 36			
		SS96989BCCG	11 - 18	120/150	1 x 50			
		SS96989BCCF	11 - 18	120/150	2 x 36			
		SS96989BDCG	11 - 18	150/200	1 x 50			
		SS96989BDCF	11 - 18	150/200	2 x 36	Yes	-	4195
	2 HP	SS97723BDCF	11 - 18	150/200	2 x 36			
		SS97723BECF	11 - 18	200/250	2 x 36			
		SS97723BDDF	13 - 22	150/200	2 x 36			
		SS97723BEDF	13 - 22	200/250	2 x 36			
		SS97723BEDG	13 - 22	200/250	1 x 50			
		SS96990BDCF	11 - 18	150/200	2 x 36	-	Yes	4045
		SS96990BECF	11 - 18	200/250	2 x 36			
		SS96990BDDF	13 - 22	150/200	2 x 36			
		SS96990BEDF	13 - 22	200/250	2 x 36			
	3 HP	SS96990BEDG	13 - 22	200/250	1 x 50	Yes	-	4635
		SS97724BEDH	13 - 22	200/250	2 x 50			
		CS96468BEBH	16 - 26	200/250	2 x 50	-	Yes	4435
		SS97725BEDH	13 - 22	200/250	2 x 50			
MR-G3	5 HP	CS96461BEBH	16 - 26	200/250	2 x 50	Yes	-	6520
		CS90490BEEJ	20 - 32	200/250	3 x 50			
		CS96167BEEJ	20 - 32	200/250	3 x 50		Yes	6260



Spares for MR-G Submersible Pump Controller



MR 11W
Contactor



MR11W Aux.
Contact Block



Start
Push Button



Stop
Push Button



MU - 2P
Contactor



MU - 2P
Relay



MU-2P Coil



Ammeter



Spare Lamp

MR-G Spares [HSN Code 8538]

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
Add on Auxiliary Contact Block (Contact Type 1NO)	CS941790000	10	190
MR 11W, Spare Coil, 240V, 50Hz	CS94102B000	10	400
Start Push Button for MR-G Controller	CS960240000	1	150
Stop Push Button for MR-G Controller	CS961250000	1	180

Contactor Type MU - 2P [HSN Code 8536]

Component	AC3 Rating	Type	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU - 2P Contactor	16A	MU 16 - 2P (160-220V)	CS90117N000	10	595
	25A	MU 25 - 2P (160-220V)	CS90118N000	10	775
	40A	MU 40 - 2P (160-220V)	CS90119N000	10	1015

Contactor Type - MR 11W [HSN Code 8536]

Component	AC3 Rating	Type	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
MR - 11W Contactor	25A	MR 11 W	CS94176B000	10	720

MU - 2P Relay [HSN Code 8536]

Component	Type	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU - 2P Relay	1 - 1.6A	CS90207O0MO	1	470
	1.5 - 2.5A	CS90207O0PO	1	470
	2.5 - 4A	CS90207O0RO	1	470
	4 - 6.5A	CS90207O0TO	1	470
	6 - 10A	CS90207O0VO	1	470
	9 - 14A	CS90207O0AO	1	470
	11 - 18A	CS90207O0CO	1	540
	13 - 22A	CS90207O0DO	1	540
	16 - 26A	CS90207O0BO	1	540
	20 - 32A	CS90207O0EO	1	680

MU - 2P Spares [HSN Code 8538]

Component	Type	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
MU - 2P Spare Contact Kit	MU 16 - 2P	CS902170000	1	210
	MU 25 - 2P	CS902180000	1	275
	MU 40 - 2P	CS902190000	1	405
MU - 2P Spare Coil & Top Add-on	MU-2P Coil (220V)	CS90793N000	1	260
	MU-2P Coil (300V)	CS90793R000	1	260
	MU-2P Top Add-on (1 NO)	CS906950000	1	150

Wiring Harness for MU-G/ MR-G Controllers [HSN Code 8538]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. (₹) Per Unit
Wiring Harness, MU-G6 (Flexible Type)	CS961310000	1	645
Wiring Harness, MU-G10 (Flexible Type)	CS961300000	1	915
Wiring Harness, MU-G10H (Flexible Type)	CS961340000	1	1190
Wiring Harness, MU-G15 (Flexible Type)	CS905670000	1	1350
Wiring Harness, MU-G20 (SDz5 SPPR) (Flexible Type)	CS961290000	1	2025
Wiring Harness, MU-G20H (SDz5 SPPR) (Flexible Type)	CS961350000	1	2160
Wiring Harness, MU-G30 (Flexible Type)	CS961280000	1	2655
Wiring Harness, MU-G50 (Flexible Type)	CS961270000	1	3610
Wiring Harness, MU-G75 (Flexible Type)	CS901710000	1	4965
Wiring Harness 4 sq. mm, MR-G2 (Flexible Type, For 13 - 22A Relay)	CS961320000	1	970
Wiring Harness 2.5 sq. mm, MR-G2 (Flexible Type, For upto 11 - 18A Relay)	CS961330000	1	745



MF-G1 Single Phase Submersible Pump Controllers



With MF1
Starter



MF-G1 Controller [HSN Code 8536]

Starter Type	Maximum Submersible Pump Rating at 1Ø, 230V, 50Hz	Relay Range (A)	Cat. No.	Run Condenser 440V, 50Hz MFD	M.R.P. (₹) Per Unit
MF-G1 with Ammeter and Voltmeter	0.5 HP	6.5 - 11	SS97728OOVC SS97728OOVE	1 x 25 1 x 36	2375
MF-G1 with Ammeter Only	0.5 HP	6.5 - 11	SS97734OOVC SS97734OOVE	1 x 25 1 x 36	2180
MF-G1 with Ammeter and Voltmeter	1 HP	6.5 - 11	SS97730OOVE SS97730OOVG	1 x 36 1 x 50	2475
MF-G1 with Ammeter Only	1 HP	6.5 - 11	SS97736OOVE SS97736OOVG	1 x 36 1 x 50	2280
MF-G1 with Ammeter and Voltmeter	1 HP	12 - 20	SS97730 OOCCE SS97730OOCG	1 x 36 1 x 50	2475
MF-G1 with Ammeter Only	1 HP	12 - 20	SS97736OOCCE SS97736OOCG	1 x 36 1 x 50	2280
MF-G1 with Ammeter and Voltmeter	1.5 HP	6.5 - 11	SS97731OOVG SS97731OOVF	1 x 50 2 x 36	2555
MF-G1 with Ammeter Only	1.5 HP	6.5 - 11	SS97737OOVG SS97737OOVF	1 x 50 2 x 36	2360
MF-G1 with Ammeter and Voltmeter	1.5 HP	12 - 20	SS97731OOCG SS97731OOCF	1 x 50 2 x 36	2555
MF-G1 with Ammeter Only	1.5 HP	12 - 20	SS97737OOCG SS97737OOCF	1 x 50 2 x 36	2360
MF-G1 with Ammeter and Voltmeter	2 HP	12 - 20	SS97732OOCG SS97732OOCF	1 x 50 2 x 36	2595
MF-G1 with Ammeter Only	2 HP	12 - 20	SS97738OOCG SS97738OOCF SS97738OOCH	1 x 50 2 x 36 2 x 50	2400



Power Factor Correction Capacitors



Power Capacitors suitable for Agricultural Applications Box Capacitors [HSN Code 8532]

Rating	Voltage	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
1 kVAr	440V	LTBCA301B2	1	158
2 kVAr	440V	LTBCA302B2	1	317
3 kVAr	440V	LTBCA303B2	1	475
4 kVAr	440V	LTBCA304B2	1	633
5 kVAr	440V	LTBCA305B2	1	792
6 kVAr	440V	LTBCA306B2	1	950
7.5 kVAr	440V	LTBCA307B2	1	1188
8.33 kVAr	440V	LTBCA308B2	1	1319
10 kVAr	440V	LTBCA310B2	1	1583
12.5 kVAr	440V	LTBCA312B2	1	1979
15 kVAr	440V	LTBCA315B2	1	2375
20 kVAr	440V	LTBCA320B2	1	3167
25 kVAr	440V	LTBCA325B2	1	3958
30 kVAr	440V	LTBCA330B2	1	4750

Cylindrical Capacitors [HSN Code 8532]

Rating	Voltage	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
1 kVAr	440V	LTCCA301B2	1	132
2 kVAr	440V	LTCCA302B2	1	263
3 kVAr	440V	LTCCA303B2	1	395
4 kVAr	440V	LTCCA304B2	1	527
5 kVAr	440V	LTCCA305B2	1	658
6 kVAr	440V	LTCCA306B2	1	790
7.5 kVAr	440V	LTCCA307B2	1	987
8.33 kVAr	440V	LTCCA308B2	1	1097
10 kVAr	440V	LTCCA310B2	1	1316
12.5 kVAr	440V	LTCCA312B2	1	1645
15 kVAr	440V	LTCCA315B2	1	1974
20 kVAr	440V	LTCCA320B2	1	2633
25 kVAr	440V	LTCCA325B2	1	3291
30 kVAr	440V	LTCCA330B2	1	3949

Cylindrical Capacitors with Clamps [HSN Code 8532]

Rating	Voltage	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
1 kVAr	440V	LTCCC301B2	1	151
2 kVAr	440V	LTCCC302B2	1	282
3 kVAr	440V	LTCCC303B2	1	414
4 kVAr	440V	LTCCC304B2	1	546
5 kVAr	440V	LTCCC305B2	1	677
6 kVAr	440V	LTCCC306B2	1	809
7.5 kVAr	440V	LTCCC307B2	1	1006
8.33 kVAr	440V	LTCCC308B2	1	1116
10 kVAr	440V	LTCCC310B2	1	1335
12.5 kVAr	440V	LTCCC312B2	1	1664
15 kVAr	440V	LTCCC315B2	1	1994
20 kVAr	440V	LTCCC320B2	1	2652
25 kVAr	440V	LTCCA325B2	1	3310
30 kVAr	440V	LTCCA330B2	1	3978



MDF Capacitors for Single Phase Application



New



Run MR-G

Start MR-G

Start Spare

Run Spare

Spare Cylindrical Condensers with Wire [HSN Code 8532]



Type	Rating	Voltage	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
Run	10 μ F	440V	LTCCMRW010B2	21	57
	12.5 μ F	440V	LTCCMRW125B2	21	63
	15 μ F	440V	LTCCMRW015B2	21	82
	20 μ F	440V	LTCCMRW020B2	21	96
	25 μ F	440V	LTCCMRW025B2	12	104
	30 μ F	440V	LTCCMRW030B2	12	112
	36 μ F	440V	LTCCMRW036B2	12	116
	40 μ F	440V	LTCCMRW040B2	12	149
	45 μ F	440V	LTCCMRW045B2	12	166
	50 μ F	440V	LTCCMRW050B2	12	176
	72 μ F	440V	LTCCMRW072B2	12	224
Start	100 μ F	275V	LTCCMSW100P2	12	165
	120 μ F	275V	LTCCMSW120P2	12	194
	150 μ F	275V	LTCCMSW150P2	12	227
	200 μ F	275V	LTCCMSW200P2	12	258
	250 μ F	275V	LTCCMSW250P2	12	291

Spare Cylindrical Condensers for MR-G Controllers [HSN Code 8532]



Type	Rating	Voltage	Cat. No.	Std.Pkg. (Nos.)	M.R.P. (₹) Per Unit
Run	25 μ F	440V	LTCCMR025B2	12	122
	36 μ F	440V	LTCCMR036B2	12	137
	50 μ F	440V	LTCCMR050B2	12	208
Start	100 μ F	275V	LTCCMS100P2	12	195
	120 μ F	275V	LTCCMS120P2	12	228
	150 μ F	275V	LTCCMS150P2	12	267
	200 μ F	275V	LTCCMS200P2	12	304
	250 μ F	275V	LTCCMS250P2	12	342



Submersible Flat Cable



Submersible Cables (Flat Cables) as per IS694:1990 (Extra Thick Insulation) [HSN Code 8544]

Nominal Cross Section Area of Conductor (Sq. mm)	Construction Details (mm)	Current Carrying Capacity at 40°C (A)	Cat. No.	M.R.P. (₹) Per Meter
1.5	22 / 0.3	14	WST0015PECM*.	71.32
2.5	36 / 0.3	18	WST0025PECM*.	110.08
4	56 / 0.3	26	WST0040PECM*.	154.46

Note:

* 5 for 500 mts & 1 for 1000 mts

Submersible Cables (Flat Cables) as per IS694:1990 (Standard Insulation) [HSN Code 8544]

Nominal Cross Section Area of Conductor (Sq. mm)	Construction Details (mm)	Current Carrying Capacity at 40°C (A)	Cat. No.	M.R.P. (₹) Per Meter
1	14 / 0.3	11	WS00010PECM*.	54.31
1.5	22 / 0.3	14	WS00015PECM*.	67.18
2.5	36 / 0.3	18	WS00025PECM*.	104.98
4	56 / 0.3	26	WS00040PECM*.	150.40
6	84 / 0.3	31	WS00060PECM*.	223.87
10	140 / 0.3	42	WS00100PECM*.	390.72
16	226 / 0.3	57	WS00160PECM*.	581.95

Note:

* 5 for 500 mts & 1 for 1000 mts

General Terms

All prices are on maximum retail price basis inclusive of all Duties, GST and any other Tax as applicable

Prices are subject to revision without notice.

Warranty Policy

All the products listed in the price list carry a warranty, against manufacturing defects for a period of 18* months from the date of purchase.

Should the product prove to be defective due to faulty workmanship or otherwise, we will remedy the defect or replace the faulty parts or the whole product at our discretion, as soon as possible, free of cost.

The warranty is however subject to the provision of proper usage, efficient maintenance and does not cover defects arising out of fire, accident, inefficient maintenance, faulty operation and willful or accidental damage. It also does not cover damage to power electronic components like thyristors & IGBTs, which fail predominantly due to over-temperature & over-voltage. The user needs to take adequate precautions to eliminate these conditions. The manufacturer shall not be liable for any consequential loss, injury or damages attributable to defect or failure of its products.

Comprehensive Service Support

L&T has over five decades of experience in providing after sales service for low voltage distribution systems in every type of industry & commercial complex in India.

L&T offers the following services, partnering you in your maintenance of low voltage distribution products:

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- Product Support for Managing Obsolescence-
Retrofitting & Upgradation of your switchgear products

* Proof of purchase to be retained to avail warranty

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