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IS NOW
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Electrical & Automation
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ડિજિટલ સક્ષમ સ્માર્ટ ખેતી
ਡਿਜਿਟਲ ਸਕਸ਼ਮ ਸਮਾਰਟ ਕ੍ਰਿਸ਼ੀ
ডিজীটল সমৰ্পিত সমাৰ্হত খেতীবাৰী
ଡିଜିଟେଲ ସକ୍ଷମ ସ୍ମାର୍ଟ କୃଷି
டிஜிட்டல் ஆற்றலுடன் ஸ்மார்ட் விவசாயம்
డిజిటల్‌గా చేసే తెలివైన వ్యవసాయం
ഡിജിറ്റൽ എനേബിൾഡ് സ്മാർട്ട് അഗ്രികൾച്ചർ
ಡಿಜಿಟಲ್ ಶಕ್ತಿಯುತ ಸ್ಮಾರ್ಟ್ ಅಗ್ರಿಕಲ್ಚರ್
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FROM THE COO'S DESK.

L&T Switchgear* IS NOW Business

Lauritz Knudsen#
Electrical & Automation

Dear Stakeholder,

We are pleased to announce the launch of our new brand "Lauritz Knudsen Electrical & Automation" on 29th May 2024 which will replace the existing brand, L&T Switchgear.

We sincerely thank you for your patronage & support over the last seven decades. We eagerly anticipate continuing this journey under the new name.

During this transition, the specific product names shall remain unchanged, such as ACBs - OMEGA & C-POWER, MCCB-DSine, Final Distribution Products (MCBs, RCCB, RCBO) – AU / Exora, Contactors -MNX/MO/MCX, Drives, PLCs, Metering products etc. Our products now feature a refreshed look that reflects our brand image and brings more consistency across our product line. However, please note that this change will not affect the ordering CAT numbers, technical parameters, and dimensions of our product range. Once the old brand material is exhausted, we will exclusively supply products under our new brand identity.

We assure you that this brand transition will be seamless, ensuring continuous availability of the products, including spares and after-sales support throughout the product's life cycle, whether under the L&T Switchgear or Lauritz Knudsen brand. Product warranties, as per our standard terms, will be honoured for products in both brands.

We kindly request you to update our new brand, Lauritz Knudsen Electrical & Automation, in your list of approved makes.

Thank you for your continued support and cooperation.

Best regards,
Naresh Kumar,
COO & Sr, VP, Electrical Standard Products
Lauritz Knudsen Electrical & Automation

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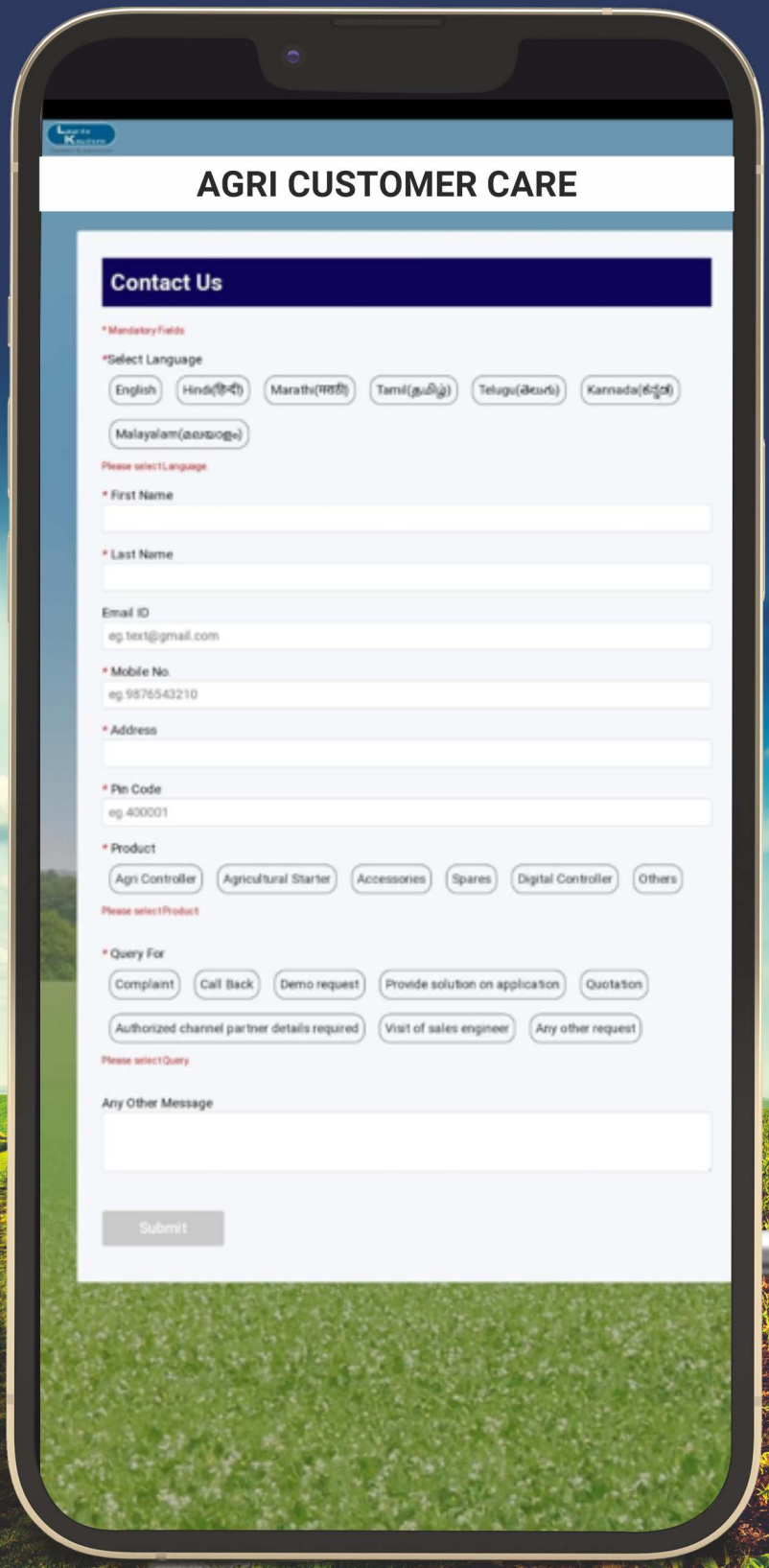
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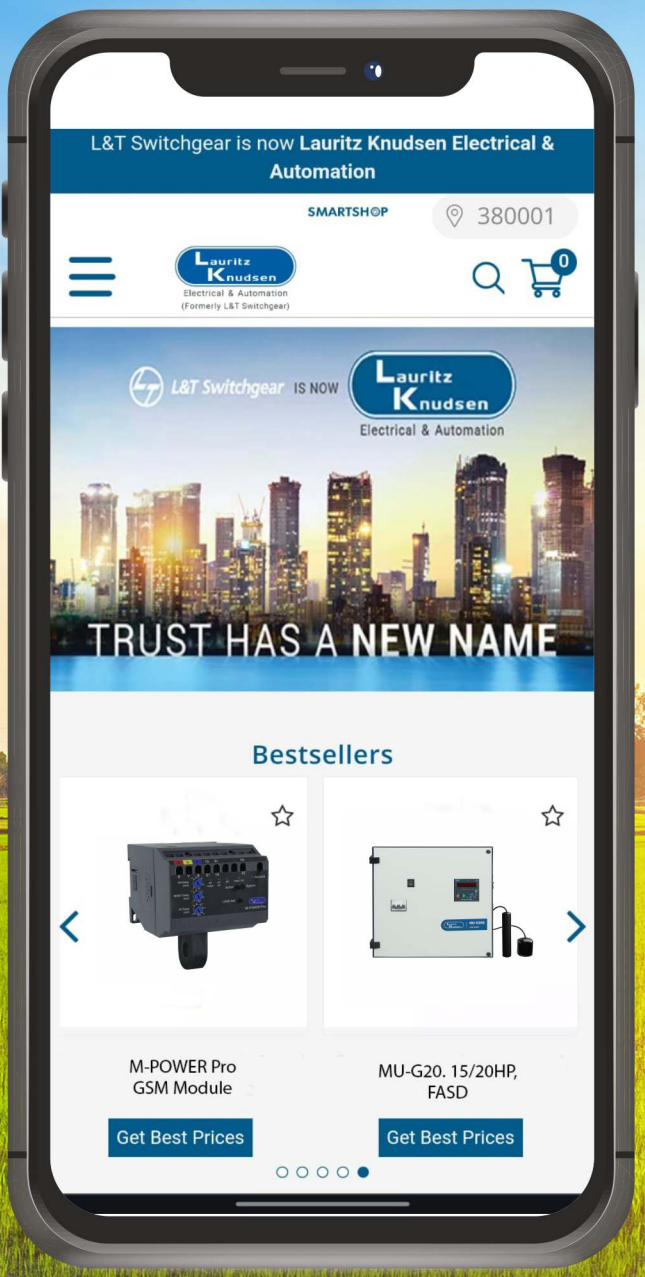
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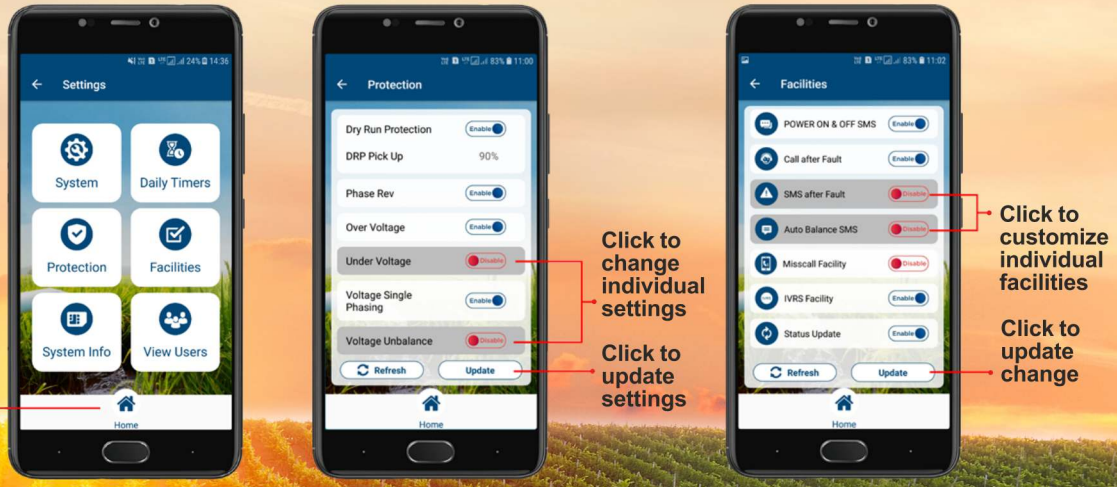




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- Dry Run Protection
- UV/OV Protection
- Current, Voltage Metering
- Start & Run Capacitor
- Bypass Mode
- Off Timer
- Digital Display
- Capacitor cut-off
- Automatic Current Setting

AUTO VERSION

- All features of Manual Version
- Inbuilt Water Level Controller
- WLC bypass feature
- Auto start capacitor switching
- Power on delay
- Dry Run auto reset timer
- Auto & Manual mode
- RTC based daily ON/OFF timer
- Timer count down display
- Cyclic timer
- Time Compensation

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Note:
[Green colour : HSN code] Current GST 18%, subject to changes as per Govt. notification
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Starters and Controllers Offerings & Composition

Offerings

HP Rating (Based On Relay Range And Maximum HP Rating)	3 Phase DOL (Direct On-Line)																		
	Starters											Automatic Starter with SPPR				Automatic MD Starter+ with *i*-PROTECTOR			
	MK1	MK2	MF1	MU1	MU1H	MB1	MU2	MB2	MU3	ML1.5	ML2	MU-1A	MU-1HA	MU-2A	MU-3A	MD1-iU	MD1H-iU	MD2-iU	MD3-iU
0.125			✓																
0.25 - 2	✓		✓																
3 - 6	✓		✓									✓							
7.5	✓	✓	✓	✓	✓	✓				✓	✓	✓				✓			
10				✓	✓	✓				✓	✓	✓	✓			✓			
12.5					✓		✓	✓		✓	✓		✓	✓			✓	✓	
15							✓	✓	✓	✓	✓			✓	✓			✓	
17.5									✓		✓				✓				✓
20											✓								✓

HP Rating (Based On Relay Range And Maximum HP Rating)	3 Phase DOL (Direct On-Line)								
			Controller			Controller with WLC	SMART Controller		
	MU-G6	MU-G7.5	MU-G10	MU-G10HN	MU-G10H	MU-G10W	MU-G6S	MU-G10S	MU-G10HS
0.125									
0.25 - 2									
3 - 6	✓		✓			✓	✓	✓	
7.5		✓	✓			✓		✓	
10			✓	✓	✓	✓		✓	✓
12.5									
15									
17.5									
20									

Starters and Controllers Offerings & Composition

HP Rating (Based On Relay Range And Maximum HP Rating)	3 Phase FASD (Fully Automatic Star-Delta)												
	Starters									Automatic MD Starter+ with *i*-PROTECTOR			
	MK1	MK2	MU1	MB1	ML1.5	MU2	MB2	ML2	MU3	MD1-iU	MD1H-iU	MD2-iU	MD3-iU
6 - 10	✓												
12.5	✓		✓	✓	✓			✓					
15	✓	✓	✓	✓	✓			✓		✓			
17.5													
20					✓	✓	✓	✓		✓		✓	
25					✓	✓	✓				✓	✓	
30						✓	✓	✓				✓	✓
35								✓	✓				
40													
50													
75													

HP Rating (Based On Relay Range And Maximum HP Rating)	3 Phase FASD (Fully Automatic Star-Delta)											
	Controller										Controller with WLC	
	MU-G15	MU-G17.5	MU-G20	MU-G20HN	MU-G20H	MU-G25	MU-G30	MU-G40	MU-G50	MU-G75	MU-G20W	MU-G30W
6 - 10	✓											
12.5	✓											
15	✓		✓								✓	
17.5		✓	✓								✓	
20			✓	✓	✓		✓				✓	
25						✓	✓					
30							✓	✓	✓			✓
35								✓	✓			
40								✓	✓			
50									✓	✓		
75										✓		

Starters and Controllers Offerings & Composition

HP Rating (Based On Relay Range And Maximum HP Rating)	3 Phase FASD (Fully Automatic Star-Delta)								
	SMART Controller								
	MU-G15S	MU-G15HS	MU-G20S	MU-G20HS	MU-G25S	MU-G30S	MU-G40S	MU-G50S	MU-G75S
6 - 10	✓		✓						
12.5	✓		✓						
15	✓	✓	✓	✓					
17.5			✓	✓					
20			✓	✓		✓			
25					✓	✓			
30						✓	✓	✓	
35							✓	✓	
40							✓	✓	
50								✓	✓
75									✓

HP Rating (Based On Relay Range And Maximum HP Rating)	3 Phase SASD (Semi Automatic Star-Delta)								
	Starters								
	MK1	MK2	MU1	MB1	MU2	MU3	MB2	ML1.5	ML2
6 - 10	✓								
12.5	✓		✓	✓				✓	✓
15	✓	✓	✓	✓					
20					✓		✓	✓	✓
25					✓		✓	✓	
30					✓		✓		✓
35						✓			✓

Starters and Controllers Offerings & Composition

Composition For Three Phase DOL (Direct On-Line) Starters

Relays used															
Relay Range (A) / Starter Type	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						
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			
MU-1A				MU1	MU1	MU2			MU2			MU2				
MU-1HA												MU2	MU2			
MU-2A									MU2				MU2		MU2	
MU-3A															MU2	MU2
Contactors used																
MK1	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			
MU-1A				MU1	MU1	MU1			MU1			MU1				
MU-1HA												MU1H	MU1H			
MU-2A									MU2				MU2		MU2	
MU-3A															MU3	MU3

Starters and Controllers Offerings & Composition

Composition For Three Phase SASD (Semi Automatic Star-Delta) Starters

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

Starters and Controllers Offerings & Composition

Composition For Three Phase FASD (Fully Automatic Star-Delta) Starters

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

Composition for MD Starter+

	MD Starter+ DOL						MD Starter+ FASD						Relay Type	*i*-Protector Type
	Contactors used						Contactors used							
Starter Type \ Relay Range (A)	9-14	13-21	15-25	20-32	24-38	28-42	9-14	13-21	15-25	20-32	24-38	28-42		
MD1-iU	MU1	MU1	MU1				MU1	MU1					MU2	*i*-ADSM/*i*-VDSM
MD1H-iU		MU1H	MU1H	MU1H					MU1H				MU2	*i*-ADSM/*i*-VDSM
MD2-iU		MU2	MU2	MU2	MU2			MU2	MU2	MU2		MU2	MU2	*i*-ADSM/*i*-VDSM
MD3-iU				MU3	MU3	MU3				MU3	MU3	MU3	MU2	*i*-ADSM/*i*-VDSM

Starters and Controllers Offerings & Composition

Composition For Three Phase Controllers

Relay Range (A) / Controller Type	Relays used													
	4-6.5	6-10	9-14	11-18	13-21	13-22	15-25	20-32	20-33	24-38	28-42	30-50	36-60	45-75	66-110
MU-G6	MK1	MK1	MK1												
MU-G7.5						MK2		MK2							
MU-G10	MU1	MU1	MU2		MU2										
MU-G10HN							MU2	MU2							
MU-G10H								MU2			MU2				
MU-G15		MK1	MK1	MK1		MK1									
MU-G17.5						MK2		MK2							
MU-G20			MU2		MU2										
MU-G20HN							MU2	MU2							
MU-G20H								MU2			MU2				
MU-G25										MU2	MU2				
MU-G30									MN5			MN5			
MUG40												MN5	MN5		
MU-G50												MN5		MN5	
MU-G75														MN5	MN5
MU-G10W	MU1	MU1	MU2		MU2			MU2			MU2				
MU-G20W			MU2		MU2			MU2			MU2				
MU-G30W												MN5			

Starters and Controllers Offerings & Composition

Composition For Three Phase Controllers

Relay Range (A) / Controller Type	Contactors used														Single Phase Preventer Used
	4-6.5	6-10	9-14	11-18	13-21	13-22	15-25	20-32	20-33	24-38	28-42	30-50	36-60	45-75 66-110	
MU-G6	MK1	MK1	MK1												Sz5
MU-G7.5						MK2		MK2							Sz5
MU-G10	MU1	MU1	MU1		MU1										Sz5
MU-G10HN							MU1H	MU1H							Sz5
MU-G10H								MU2			MU2				Sz5
MU-G15		MK1	MK1	MK1		MK1									SDz5
MU-G17.5						MK2		MK2							SDz5
MU-G20			MU1		MU1										SDz5
MU-G20HN							MU1H	MU1H							SDz5
MU-G20H								MU2			MU2				SDz5
MU-G25										MU3	MU3				SDz5
MU-G30									ML2W			ML2W			SDz5
MUG40												ML3W	ML3W		SDz5
MU-G50												ML4W		ML4W	SDz5
MU-G75														ML6W ML6W	SDz5
MU-G10W	MU1	MU1	MU1		MU1			MU2			MU2				Sz5
MU-G20W			MU1		MU1			MU2			MU2				SDz5
MU-G30W												ML2W			SDz5

Digital Relay Ranges, Contactors & SCPD Available In SMART Controller

Digital Relay Ranges	4-22	13-32	13-42	20-42	24-42	20-50	30-60	30-75	45-90	SCPD
SMART Controller Type										
	Contactors used									
MU-G6S	MK1									25A 3P MCB K Curve
MU-G10S	MU1									25A 3P MCB K Curve
MU-G10HS				MU2						50A 3P MCB K Curve
MU-G15S	MK1									63A 3P MCB K Curve
MU-G15HS		MK2								100A 3P MCB K Curve
MU-G20S	* MU1	#MU1H								*63A 3P MCB K Curve #100A 3P MCB K Curve
MU-G20HS			MU2							125A 3P MCB K Curve
MU-G25S					MU3					125A 3P MCB K Curve
MU-G30S						ML2W				DZ1-160M-160A MCCB
MUG40S							ML3W			DZ1-160M-160A MCCB
MU-G50S								ML4W		DN2-250M-250A MCCB
MU-G75S									ML6W	DN2-250M-250A MCCB

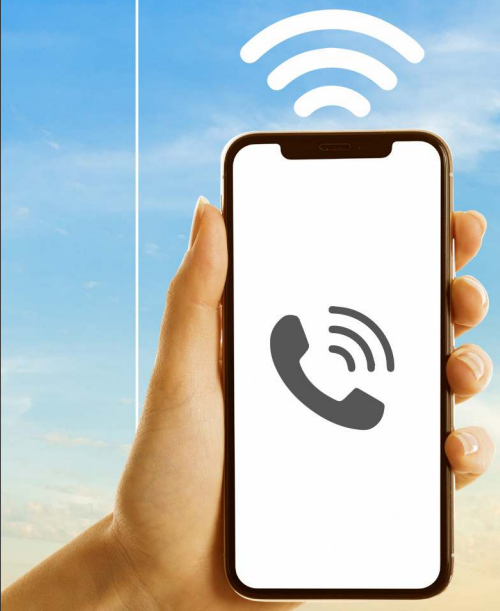
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- **Auto, Manual & OFF (Bypass) Mode Available**
- Protection in both **Auto & Manual mode**

SASDz5

2 Button SASD STARTER



3 Button SASD STARTER





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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	2665
0.5 HP	1 - 1.6		SS96210COMO	SS96210POMO	1	2665
1 HP	1.5 - 2.5		SS96210COPO	SS96210POPO	1	2665
2 HP	2.5 - 4		SS96210CORO	SS96210PORO	1	2665
4 HP	4 - 6.5	SS96210SOTO	SS96210COTO	SS96210POTO	1	2665
6 HP	6 - 10	SS96210SOVO	SS96210COVO	SS96210POVO	1	2665
7.5 HP	9 - 14	SS96210SOAO	SS96210COAO	SS96210POAO	1	2665
7.5 HP	11 - 18	SS96211SOCO	SS96211COCO	SS96211POCO	1	2734
7.5 HP	13 - 22	SS96228SODO	SS96228CODO	SS96228PODO	1	2804

Note: For Single Phase Starter application, please refer page no. 43.

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		1	9820
10 HP	6 - 10	SS96255COVO	SS96255POVO	1	9820
12.5 / 15 HP	9 - 14	SS96255COAO	SS96255POAO	1	9820
15 HP	11 - 18	SS96258COCO	SS96258POCO	1	9915
15 HP	13 - 22	SS96260CODO	SS96260PODO	1	10025

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	10850
10 HP	6 - 10	SS96254COVO	SS96254POVO	1	10850
12.5 / 15 HP	9 - 14	SS96254COAO	SS96254POAO	1	10850
15 HP	11 - 18	SS96257COCO	SS96257POCO	1	10955
15 HP	13 - 22	SS96259CODO	SS96259PODO	1	11020

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)	CS90983OOOO	50	810
	Single moving contact	SS91009OOOO	10	80
	Push button unit	SS90004OOOO	1	135
	Arc shield	SS50004OOOO	1	160
	Contact bridge without contact	SS50005OOOO	1	145
	Aux. contact block: 1NO + 1NC	SS90120OOOO	50	330
	Thermal timer without combination coil	SS90224OOOO	1	895
	MK1 Cover Screw	XS00012OOOO	1000	15



MK1 Standard Operating Coil

MK1 Coil [HSN Code 8538]

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
MK1 Standard Operating Coil	220V	SS90044OOOO	10	280
	230 / 250V	SS90045OOOO	10	280
	360V	SS90165OOOO	10	280
	400 / 440V	SS90047OOOO	10	280
Wide Band Coil	360V-W (200V - 400V)	SS90993OOOO	10	310



MK1 Contactor

MK1 Contactors [HSN Code 8536]

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
MK1 Contactors	220V	SS95200KOOO	10	1950
	230 / 250V	SS95200NOOO	10	1950
	360V	SS95200COOO	10	1950
	360V-W (200V - 400V)	SS95200SOOO	10	1950
	400 / 440V	SS95200POOO	10	1950



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	SS90443OOOO	10	650
	Combination coils for 360V	SS90446OOOO	10	650

MK1 Relays [HSN Code 8536]



MK1 Relay

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
MK1 Relays	0.6 - 1A	SS90035OOKO	10	**1115**
	1 - 1.6A	SS90035OOMO	10	**1115**
	1.5 - 2.5A	SS90035OOPO	10	**1115**
	2.5 - 4A	SS90035OORO	10	**1115**
	4 - 6.5A	SS90035OOTO	10	**1115**
	6 - 10A	SS90035OOVO	10	**1115**
	9 - 14A	SS90035OOAO	10	**1115**
	11 - 18A	SS90036OOCO	10	**1145**
	13 - 22A	SS91888OODO	10	**1265**



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	**3220**
7.5 HP	20 - 32	CS90947SOEO	CS90947COEO	CS90947POEO	1	**3220**



Interior View of MK2 SASD

MK2 SASD 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		
15 HP	13-22	CS91582SODO	CS91582CODO	CS91582PODO	1	**10995**
15 HP	20-32	CS91582SOEO	CS91582COEO	CS91582POEO	1	**10995**



Interior View of MK2 FASD

MK2 FASD 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	Coil Voltage 400/440V		
15 HP	13-22	CS91583CODO	CS91583PODO	1	**12170**
15 HP	20-32	CS91583COEO	CS91583POEO	1	**12170**



Spares for MK2 Starters

Spares for MK2 Starters [HSN Code 8538]



MK2 Spares

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
MK2 Spares	Spare kit with hardware (4 sets of contacts)	CS909560000	50	1145
	Single moving contact	CS909510000	10	110
	Push button unit	SS900040000	1	135
	Arc shield	CS910130000	1	165
	Contact bridge without contact	CS910140000	1	150

MK1 / MK2 Coil [HSN Code 8538]



MK1 / MK2 Standard Operating Coil

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
MK1 / MK2 Standard Operating Coil	220V	SS900440000	10	280
	230 / 250V	SS900450000	10	280
	360V	SS901650000	10	280
	400 / 440V	SS900470000	10	280
Wide Band Coil	360V-W (200V - 400V)	SS909930000	10	310

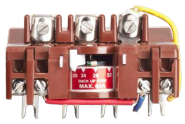
MK2 Contactors [HSN Code 8536]



MK2 Contactor

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
MK2 Contactors	360V	CS90945C000	10	2155
	360V-W (200V - 400V)	CS90945S000	10	2155
	400 / 440V	CS90945P000	10	2155

MK2 Relays [HSN Code 8536]



MK2 Relay

	Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
MK2 Relays	13 - 22A	CS90946OODO	10	1410
	20 - 32A	CS90946OOEO	10	1410

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	**4515**
	10 HP	13 - 21	SS95647COCO	SS95647DOCO	10	**4680**
	10 HP	15 - 25	SS95647CODO	SS95647DODO	10	**4775**
MU1H DOL (with MU relay)	10 HP	15 - 25	CS90622CODO	CS90622DODO	10	**4995**
	12.5 HP	20 - 32	CS90622COEO	CS90622DOEO	10	**5265**
MU2 DOL (with MU relay)	12.5 HP	13 - 21	SS95648COCO	SS95648DOCO	10	**5865**
	15 HP	20 - 32	SS95648COEO	SS95648DOEO	10	**6270**
	15 HP	24 - 38	SS95648COGO	SS95648DOGO	10	**6425**
MU3 DOL (with MU relay)	15 HP	24 - 38	CS90613COGO	CS90613DOGO	10	**7130**
	17.5 HP	28 - 42	CS90613COFO	CS90613DOFO	10	**7400**
MB1 DOL (with MN relay)	7.5 HP	9 - 15	SS95649COBO	SS95649DOBO	8	**5265**
	10 HP	14 - 23	SS95649CODO	SS95649DODO	8	**5375**
MB2 DOL (with MN relay)	12.5 HP	14 - 23	SS95650CODO	SS95650DODO	8	**7185**
	15 HP	20 - 33	SS95650COEO	SS95650DOEO	8	**7515**

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	**12690**
	15 HP	13 - 21	SS95891COCO	SS95891DOCO	1	**12870**
MU2 SASD (with MU relay)	20 HP	13 - 21	SS95893COCO	SS95893DOCO	1	**16060**
	30 HP	20 - 32	SS95893COEO	SS95893DOEO	1	**16445**
MU3 SASD (With MU Relay)	35 HP	24 - 38	CS91885COGO	CS91885DOGO	1	**19800**
	35 HP	28 - 42	CS91886COFO	CS91886DOFO	1	**19980**
MB1 SASD (with MN relay)	15 HP	14 - 23	SS95895CODO	SS95895DODO	1	**15330**
MB2 SASD (with MN relay)	20 HP	14 - 23	SS95897CODO	SS95897DODO	1	**18025**
	30 HP	20 - 33	SS95897COEO	SS95897DOEO	1	**18455**

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	**14650**
	15 HP	13 - 21	SS95890COCO	SS95890DOCO	1	**14800**
MU2 FASD (with MU relay)	20 HP	13 - 21	SS95892COCO	SS95892DOCO	1	**17740**
	30 HP	20 - 32	SS95892COEO	SS95892DOEO	1	**18120**
MU3 FASD (With MU Relay)	35 HP	24 - 38	CS91887COGO	CS91887DOGO	1	**21670**
	35 HP	28 - 42	CS91888COFO	CS91888DOFO	1	**21855**
MB1 FASD (with MN relay)	12.5 HP	9 - 15	SS95894COBO	SS95894DOBO	1	**16245**
	15 HP	14 - 23	SS95894CODO	SS95894DODO	1	**16405**
MB2 FASD (with MN relay)	20 HP	14 - 23	SS95896CODO	SS95896DODO	1	**20125**
	30 HP	20 - 33	SS95896COEO	SS95896DOEO	1	**20505**

Note: MN relay is with single phase prevention feature.



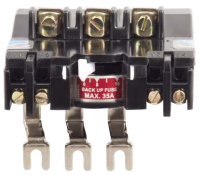
Spares for MU / MB Starters



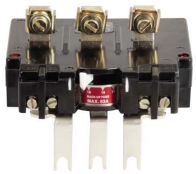
MU1 Contactor

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	2895
			MU1 415V	CS94007DOOO	10	2895
MU1H Contactor	22A	55A	MU1H 360V	CS90623COOO	10	3110
			MU1H 415V	CS90623DOOO	10	3110
MU2 Contactor	25A	63A	MU2 360V	CS94008COOO	10	4215
			MU2 415V	CS94008DOOO	10	4215
MU3 Contactor	32A	63A	MU3 360V	CS90609COOO	10	4930
			MU3 415V	CS90609DOOO	10	4930



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	1420
	6 - 10A	SS96557OOVO	1	1420
MU2 Relay	9 - 14A	SS95979OOAO	1	1620
	13 - 21A	SS95979OOCO	1	1715
	15 - 25A	SS95979OODO	1	1865
	20 - 32A	SS95979OOEO	1	2120
	24 - 38A	SS95979OOGO	1	2305
	28 - 42A	SS95979OOFO	1	2495



MU Contact Bridge



MU ADD-ON Block

MU Contactor Spares [HSN Code 8538]

Type	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
MU1 contact bridge	CS94994OOOO	10	170
MU1H contact bridge	CS91099OOOO	10	170
MU2 contact bridge	CS94994OOOO	10	170
MU3 contact bridge	CS91096OOOO	10	170
MU1 single moving contact	CS94995OOOO	1	175
MU1H single moving contact	CS91102OOOO	1	245
MU2 single moving contact	CS94996OOOO	1	345
MU3 single moving contact	CS91103OOOO	1	455
MU-Add ON Block - 1NO + 1NC (LHS)	SS94072OOOO	10	345
ADD-ON Block MU-A1 (1NC) (Left)	SS94074OOOO	10	270

Spares For MU / MB [HSN Code 8538]



MU Spare Kit



MU Coil



MU Spare Housing



Relay Extension Knob

Component	Type	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
Spare Kit	MU1	CS940100000	1	1210
	MU1H	CS906240000	1	1570
	MU2	CS940110000	1	2235
	MU3	CS906120000	1	2740
MU Coils	240V	CS94009B000	10	695
	360V	CS94009C000	10	695
	415V	CS94009D000	10	695
Spare RelayExtension Knob (Pack of 20 Nos.)	MU1	CS943360000	1	160
	MU2	CS943370000	1	160
Spare Housing	MU1	CS949980000	10	350
	MU1H	CS910980000	10	350
	MU2	CS949990000	10	350
	MU3	CS910600000	10	350



ML Starters



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 440V		
ML1.5 DOL	7.5 HP	9 - 14	SS91854COAO	SS91854POAO	1	8595
	12.5 HP	13 - 21	SS91854COCO	SS91854POCO	1	8595
	15 HP	20 - 32	SS91854COEO	SS91854POEO	1	8595
ML2 DOL (Heavy duty)	7.5 HP	9 -14		SS90702POAO	1	14810
	10/12.5 HP	13 - 21	SS90702COCO	SS90702POCO	1	14810
	20 HP	20 - 32	SS90702COEO	SS90702POEO	1	14810

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 440V		
ML1.5 SASD	20 HP	13 - 21	SS91856COCO	SS91856POCO	1	21065
	25 HP	20 - 32	SS91856COEO	SS91856POEO	1	21065
ML2 SASD (Heavy duty)	20 HP	13 - 21	SS90707COCO	SS90707POCO	1	37195
	35 HP	20 - 32	SS90707COEO	SS90707POEO	1	37195

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 440V		
ML1.5 FASD	12.5 HP	9 - 14	SS91855COAO	SS91855POAO	1	23865
	20 HP	13 - 21	SS91855COCO	SS91855POCO	1	23865
	25 HP	20 - 32	SS91855COEO	SS91855POEO	1	23865
ML2 FASD (Heavy duty)	12.5 HP	9 - 14		SS90705POAO	1	38610
	20 HP	13 - 21	SS90705COCO	SS90705POCO	1	38610
	35 HP	20 - 32	SS90705COEO	SS90705POEO	1	38610

Spares for ML Starters



ML1.5 Contactor



ML2W Contactor



Standard Operating Coil ML1.5



Standard Operating Coil ML2 / ML3



Standard Operating Coil ML4 / ML4W



Spare kit

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	**4490**
	ML2W	32	40	2 NO + 2 NC	CS96005LOOO	1	**8720**
	ML3W	40	45	2 NO + 2 NC	CS90907LOOO	1	**13100**
	ML4W	70	100	2 NO + 2 NC	CS96006LOOO	1	**21400**
	ML6W	110	125	2 NO + 2 NC	CS90168LOOO	1	**34500**

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	**925**
	360V	SS90873COOO	10	**925**
	380V	SS90873LOOO	10	**925**
	440V	SS90873POOO	10	**925**
Standard Operating Coils for ML2/ML2W/ML3/ML3W Contactor	240V	SS90545BOOO	10	**1700**
	360V	SS90545COOO	10	**1700**
	380V	SS90545LOOO	10	**1700**
	440V	SS90545POOO	10	**1700**
Standard Operating Coils for ML4/ML4W Contactor	240V	SS91258BOOO	10	**3250**
	360V	SS91258COOO	10	**3250**
	380V	SS91258LOOO	10	**3250**
	440V	SS91258POOO	10	**3250**

ML1.5 [HSN Code 8538]

Spare kit without coil	ML1.5	SS95305OOOO	50	**2320**
Moving contacts kit	ML1.5	SS92817OOOO	10	**760**
Front Housing & Moving Bridge kit	ML1.5	ST28734OOOO	10	**840**

ML2 [HSN Code 8538]

Spare kit without coil	ML2	SS95307OOOO	10	**4240**
Moving contacts kit	ML2	SS92818OOOO	10	**1150**
Front Housing & Moving Bridge kit	ML2	ST23866OOOO	10	**1150**

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) Direct Mounting	**ML1**			
	4 - 6.5	SS91858OOTO	10	**3110**
	6 - 10	SS91858OOVO	10	**3110**
	10 - 16	SS91858OOBO	10	**3110**
(Directly Operated) Direct Mounting	**ML2 / ML3**			
	9 - 14	SS91859OOAO	2	**4590**
	13 - 21	SS91859OOCO	2	**4590**
	20 - 32	SS91859OOEO	2	**4590**
	28 - 42	SS91859OOFO	2	**4590**



MU-Automatic DOL Starters

Now available with emergency OFF rocker switch



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)	3 HP	4 - 6.5	CS90898COTO	CS90898DOTO	1	**6460**
	5 HP	6 - 10	CS90898COVO	CS90898DOVO	1	**6460**
	7.5 HP	9 - 14	CS90898COAO	CS90898DOAO	1	**6575**
	10 HP	13 - 21	CS90898COCO	CS90898DOCO	1	**6690**
	10 HP	15 - 25	CS90898CODO	CS90898DODO	1	**6825**
MU-1HA DOL (with Sz5 SPPR)	10 HP	15 - 25	CS90899CODO	CS90899DODO	1	**6985**
	12.5 HP	20 - 32	CS90899COEO	CS90899DOEO	1	**7195**
MU-2A DOL (with Sz5 SPPR)	12.5 HP	13 - 21	CS90900COCO		1	**7920**
	15 HP	20 - 32	CS90900COEO	CS90900DOEO	1	**8240**
	15 HP	24 - 38	CS90900COGO	CS90900DOGO	1	**8375**
MU-3A DOL (with Sz5 SPPR)	15 HP	24 - 38	CS90901COGO	CS90901DOGO	1	**8790**
	17.5 HP	28 - 42	CS90901COFO	CS90901DOFO	1	**8995**



Interior View of MU-A DOL



MF1 Three Phase Starters



MF1 Three Phase Starters [HSN Code 8536]



Interior View of
MF1 DOL - 3Ø Starter

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	**2295**
0.25 HP	0.6 - 1	SS97210OOKO	1	**2295**
0.5 HP	1 - 1.6	SS97210OOMO	1	**2295**
1.25 HP	1.5 - 2.5	SS97210OOPO	1	**2295**
2 HP	2.5 - 4	SS97210OORO	1	**2295**
4 HP	4 - 6.5	SS97210OOTO	1	**2295**
6 HP	6 - 10	SS97210OOVO	1	**2295**
7.5 HP	9 - 15	SS97210OOBO	1	**2295**
7.5 HP	11 - 18	SS97210OOCO	1	**2295**



STARTER+
AUTOMATIC OPERATION WITH EXTRA PROTECTIONS



FEATURES

- Dry Run Protection
- Current/ Voltage Based Protections : Phase Loss, Phase Unbalance, Phase Reversal
- Undervoltage & Overvoltage Protection
- Digital Metering, On Delay Timer, Star Delta Timer

MD Starter+ DOL

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MD Starter+



NEW MD Starter+ DOL [HSN CODE 8536]

Starter Type	Suitable for Pump/ Motor (3Ø, 415V, 50Hz)	*i*-PROTECTOR	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
				Coil Voltage 360 V	Coil Voltage 415 V		
MD1-iU	7.5 HP	*i*-ADSM	9-14	CS91753COAO	CS91753DOAO	1	**8795**
MD1-iU	10 HP	*i*-ADSM	13-21	CS91753COCO	CS91753DOCO	1	**8845**
MD1H-iU	12.5 HP	*i*-ADSM	13-21	CS91754COCO	CS91754DOCO	1	**9020**
MD2-iU	12.5 HP	*i*-ADSM	13-21	CS91755COCO	CS91755DOCO	1	**9895**
MD1-iU	10 HP	*i*-ADSM	15-25	CS91753CODO	CS91753DODO	1	**8930**
MD1H-iU	12.5 HP	*i*-ADSM	15-25	CS91754CODO	CS91754DODO	1	**9125**
MD2-iU	12.5 HP	*i*-ADSM	15-25	CS91755CODO	CS91755DODO	1	**9975**
MD1H-iU	12.5 HP	*i*-ADSM	20-32	CS91754COEO	CS91754DOEO	1	**9265**
MD2-iU	15 HP	*i*-ADSM	20-32	CS91755COEO	CS91755DOEO	1	**10090**
MD3-iU	17.5 HP	*i*-ADSM	20-32	CS91756COEO	CS91756DOEO	1	**10540**
MD2-iU	15 HP	*i*-ADSM	24-38	CS91755COGO	CS91755DOGO	1	**10175**
MD3-iU	17.5 HP	*i*-ADSM	24-38	CS91756COGO	CS91756DOGO	1	**10605**
MD3-iU	20 HP	*i*-ADSM	28-42	CS91756COFO	CS91756DOFO	1	**10680**
MD1-iU	7.5 HP	*i*-VDSM	9-14	CS91757COAO	CS91757DOAO	1	**8795**
MD1-iU	10 HP	*i*-VDSM	13-21	CS91757COCO	CS91757DOCO	1	**8845**
MD1H-iU	12.5 HP	*i*-VDSM	13-21	CS91758COCO	CS91758DOCO	1	**9020**
MD2-iU	12.5 HP	*i*-VDSM	13-21	CS91759COCO	CS91759DOCO	1	**9895**
MD1-iU	10 HP	*i*-VDSM	15-25	CS91757CODO	CS91757DODO	1	**8930**
MD1H-iU	12.5 HP	*i*-VDSM	15-25	CS91758CODO	CS91758DODO	1	**9125**
MD2-iU	12.5 HP	*i*-VDSM	15-25	CS91759CODO	CS91759DODO	1	**9975**
MD1H-iU	12.5 HP	*i*-VDSM	20-32	CS91758COEO	CS91758DOEO	1	**9265**
MD2-iU	15 HP	*i*-VDSM	20-32	CS91759COEO	CS91759DOEO	1	**10090**
MD3-iU	17.5 HP	*i*-VDSM	20-32	CS91760COEO	CS91760DOEO	1	**10540**
MD2-iU	15 HP	*i*-VDSM	24-38	CS91759COGO	CS91759DOGO	1	**10175**
MD3-iU	17.5 HP	*i*-VDSM	24-38	CS91760COGO	CS91760DOGO	1	**10605**
MD3-iU	20 HP	*i*-VDSM	28-42	CS91760COFO	CS91760DOFO	1	**10680**



Interior View of MD Starter+ DOL Starter

NEW MD Starter+ FASD [HSN CODE 8536]

Starter Type	Suitable for Pump/ Motor (3Ø, 415V, 50Hz)	*i*-PROTECTOR	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
				Coil Voltage 360 V	Coil Voltage 415 V		
MD1-iU	15 HP	*i*-ADSM	9-14	CS91778COAO*	CS91778DOAO*	1	**17690**
MD1-iU	20 HP	*i*-ADSM	13-21	CS91778COCO	CS91778DOCO	1	**17890**
MD1H-iU	25 HP	*i*-ADSM	15-25	CS91779COEO	CS91779DOEO	1	**18695**
MD2-iU	25 HP	*i*-ADSM	15-25	CS91780CODO	CS91780DODO	1	**21780**
MD2-iU	20 HP	*i*-ADSM	13-21	CS91780COCO	CS91780DOCO	1	**21605**
MD2-iU	30 HP	*i*-ADSM	20-32	CS91780COEO	CS91780DOEO	1	**22045**
MD2-iU	30 HP	*i*-ADSM	28-42	CS91780COFO*	CS91780DOFO*	1	**22540**
MD3-iU	30 HP	*i*-ADSM	20-32	CS91781COEO	CS91781DOEO	1	**24485**
MD3-iU	30 HP	*i*-ADSM	24-38	CS91781COGO	CS91781DOGO	1	**24760**
MD3-iU	30 HP	*i*-ADSM	28-42	CS91781COFO	CS91781DOFO	1	**24925**
MD1-iU	15 HP	*i*-VDSM	9-14	CS91768COAO	CS91768DOAO	1	**17690**
MD1-iU	20 HP	*i*-VDSM	13-21	CS91768COCO	CS91768DOCO	1	**17890**
MD2-iU	20 HP	*i*-VDSM	13-21	CS91783COCO	CS91783DOCO	1	**21605**
MD1H-iU	25 HP	*i*-VDSM	15-25	CS91782COEO	CS91782DOEO*	1	**18695**
MD2-iU	25 HP	*i*-VDSM	15-25	CS91783CODO	CS91783DODO	1	**21780**
MD2-iU	30 HP	*i*-VDSM	20-32	CS91783COEO	CS91783DOEO	1	**22045**
MD2-iU	30 HP	*i*-VDSM	28-42	CS91783COFO	CS91783DOFO*	1	**22540**
MD3-iU	30 HP	*i*-VDSM	20-32	CS91784COEO	CS91784DOEO*	1	**24485**
MD3-iU	30 HP	*i*-VDSM	24-38	CS91784COGO	CS91784DOGO	1	**24760**
MD3-iU	30 HP	*i*-VDSM	28-42	CS91784COFO	CS91784DOFO	1	**24925**

Note: * Upcoming Cat. Nos.



Px 3000
Solar Drive Controller

EMPOWERING GREEN IRRIGATION SOLUTIONS

- True MPPT
- Robust design to handle high input DC voltage up to 850V
- Grid Compatible
- Auto & Adaptable MPPT
- Rugged design, best-in-class performance even at 50 degrees ambient without derating
- Built-in RS485
- Plug & Play Drive
- Automatic Start & Stop
- Wide operating range –
  Vmpp Range: 250V~750Vdc
  Voc Range: 300V~ 850Vdc



[HSN Code 8504]

Px 3000 Solar Drive Controller	Cat. No.
5 HP	EAVF-P4009P5BAA
7.5 HP	EAVF-P4014P0BAA
10 HP	EAVF-P4018P0BAA

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MU-G6 / 7.5 / 10 Three Phase Submersible Pump Controllers (with Single Phase Preventer)



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



Interior View of MU-G6 DOL

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	8135
	5 HP	6 - 10	360V-W (200V-400V)	SS97756COVO	1	8135
	6 HP	9 - 14	360V-W (200V-400V)	SS97756COAO	1	8135

MU-G7.5 DOL (With Wideband Coil) [HSN Code 8536]



Interior View of MU-G7.5 DOL

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz		Relay Range (A)	Coil Voltage	Cat. No.	Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
	HP	KW					
MU-G7.5 DOL	7.5	5.5	13 - 22	360V-W (200V - 400V)	CS92103SODO	1	8615
	7.5	5.5	20 - 32	360V-W (200V - 400V)	CS92103SOEO	1	8615

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



Interior View of MU-G10 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-G10 DOL	3	2.2	4 - 6.5	SS95983COTO	SS95983DOTO	1	9400
	5	3.7	6 - 10	SS95983COVO	SS95983DOVO	1	9400
	6	4.5	9 - 14	SS95983COAO	SS95983DOAO	1	9540
	7.5/10	5.5/7.5	13 - 21	SS95983COCO	SS95983DOCO	1	9665
MU-G10HN DOL	10	7.5	15-25	CS92102CODO	CS92102DODO	1	9795
	10	7.5	20-32	CS92102COEO	CS92102DOEO	1	9970
MU-G10H DOL (Heavy duty)	10	7.5	20 - 32	SS95974COEO	SS95974DOEO	1	10875
	10	7.5	28 - 42	SS95974COFO	SS95974DOFO	1	11210

MU-G15 / 17.5 / 20 / 25 Three Phase Submersible Pump Controllers (with Single Phase Preventer)



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



Interior View of MU-G15 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-W (200V - 400V)		
MU-G15 FASD	7.5	5.5	6 - 10	CS94091SOVO	1	**15770**
	10	7.5	9 - 14	CS94091SOAO	1	**15770**
	15	11	11 - 18	CS94091SOCO	1	**15910**
	15	11	13 - 22	CS94091SODO	1	**15985**

MU-G17.5 FASD (With Wideband Coil) [HSN Code 8536]



Interior View of MU-G17.5 FASD

Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
	HP		Coil Voltage 360V-W (200V - 400V)		
MU-G17.5 FASD	17.5	13 - 22	CS91880SODO	1	**17400**
	17.5	20 - 32	CS91880SOEO	1	**17400**

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



Interior View of MU-G20 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-G20 FASD	10	7.5	9 - 14	SS95984COAO	SS95984DOAO	1	**18430**
	15/20	11/15	13 - 21	SS95984COCO	SS95984DOCO	1	**18530**
MU-G20HN FASD	20	15	15-25	CS92101CODO	CS92101DODO	1	**19235**
	20	15	20-32	CS92101COEO	CS92101DOEO	1	**19500**
MU-G20H FASD (Heavy duty)	20	15	20 - 32	SS95975COEO	SS95975DOEO	1	**22860**
	20	15	28 - 42	SS95975COFO	SS95975DOFO	1	**23345**

MU-G25 FASD (With Wideband Coil) [HSN Code 8536]



Interior View of MU-G25 FASD

Type	Maximum Submersible Pump Rating at 3Ø, 415V, 50Hz HP	Relay Range (A)	Cat. No.		Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
			Coil Voltage 360V	Coil Voltage 415V		
MU-G25 FASD	25	24 - 38	CS91969COGO	CS91969DOGO	1	**26370**
	25	28 - 42	CS91969COFO	CS91969DOFO	1	**26570**



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



With ML Contactor & MN5 Relay

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



Interior View of MU-G30 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-G30 FASD	20 HP	20 - 33	380V	CS96008COEO	1	**36390**
	30 HP	30 - 50	380V	CS96008COGO	1	**37250**

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



Interior View of MU-G40 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-G40 FASD	30 HP	30 - 50	380V	CS90908LOGO	1	**44190**
	40 HP	36 - 60	380V	CS90908LOTO	1	**44925**

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



Interior View of MU-G50 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-G50 FASD	30 HP	30 - 50	380V	CS96009COGO	1	**58970**
	50 HP	45 - 75	380V	CS96009COJO	1	**60750**

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



Interior View of MU-G75 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-G75 FASD	50 HP	45 - 75	380V	CS96451LOJO	1	**84300**
	75 HP	66 - 110	380V	CS96451LOKO	1	**84300**

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



MU-G10W 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
	HP	kW		Coil Voltage 360V	Coil Voltage 415V		
MU-G10W DOL with in-built WLC	3	2.2	4 - 6.5	CS91037COTO	CS91037DOTO	1	**13110**
	5	3.7	6 - 10	CS91037COVO	CS91037DOVO	1	**13110**
	7.5	5.5	9 - 14	CS91037COAO	CS91037DOAO	1	**13270**
MU-G10W DOL (Heavy duty) with in-built WLC	10	7.5	13 - 21	CS91037COCO	CS91037DOCO	1	**13385**
	10	7.5	20 - 32		CS91037DOEO	1	**14800**
	10	7.5	28 - 42	CS91037COFO		1	**15125**

MU-G20W 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
	HP	kW		Coil Voltage 360V	Coil Voltage 415V		
MU-G20W FASD with in-built WLC	15	11	9 - 14		CS91038DOAO	1	**22790**
	20	15	13 - 21	CS91038COCO	CS91038DOCO	1	**22890**
MU-G20W FASD (Heavy duty) with in-built WLC	20	15	20 - 32	CS91038COEO	CS91038DOEO	1	**26765**
	20	15	28 - 42		CS91038DOFO	1	**27300**

MU-G30W 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-G30W FASD with in-built WLC	30 HP	30 - 50	380V	CS91039COGO	1	**42485**

Spares for MU-G Submersible Pump Controllers



Terminal Block 60A-3 Way



Terminal Block 30A-5 Way



Terminal Block 100A-3 Way

Terminal Block [HSN Code 8538]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
Terminal Block 30A - 5 way (For MR-G2)	CS960320000	1	250
Terminal Block 60A - 3 way (For MU-G10/20)	CS948060000	1	205
Terminal Block 100A - 3 way (For MU-G30/50)	CS943380000	1	1235
Terminal Block 125A - 3 way (For MU-G75)	CS901720000	1	4540



Spare Lamp



Indicating Lamp Red & Green

Indicating lamp [HSN Code 8531]

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
Indicating lamp Red 415V	CS94810D000	1	335
Indicating lamp Green 415V	CS94812D000	1	335
Spare Lamp, MR-G Controller	CS961260000	1	80



Rocker Switch

Rocker switch [HSN Code 8538]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
Rocker switch (For MU-G6 to MU-G20)	CS902840000	1	90
Rocker switch (For MU-G30 to MU-G75)	CS902720000	1	150
Voltage selector switch	CS943350000	1	470



Ammeter



Volt-Ammeter

Volt-Ammeter [HSN Code 9030]

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
Volt-Ammeter 500V 30A	CS94817E0E0	1	1380
Volt-Ammeter 500V 60A	CS94817E0T0	1	1425
Volt-Ammeter 500V, 0-75A	CS900550000	1	1425
Volt-Ammeter 500V, 0-100A	CS900560000	1	1425
Volt-Ammeter 500V, 0-125A	CS900570000	1	1425
30A Ammeter Spare for MR-G Controller	CS960260000	1	610
Volt-Ammeter (30A, 300V AC) for MR-G Controller	CS960280000	1	1060

SPPR [HSN Code 9032]



SPPR Type Sz5 (7 Wire & 6 Wire)



SPPR Type SDz5

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

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
SPPR type Sz5 (7 Wire), 380V	ST921660000	1	**935**
SPPR type Sz5 (6 Wire), 360V (For MU-G10/10H)	CS94824C000	1	**935**
SPPR type Sz5 (6 Wire), 380V (For MU-G6)	CS94824L000	1	**935**
SPPR type Sz5 (6 Wire), 415V (For MU-G10/10H)	CS94824D000	1	**935**
SPPR type SDz5, 360V (For MU-G20/20H)	XM818080000	1	**1810**
SPPR type SDz5, 380V (For MU-G30/40/50/75)	XM818070000	1	**1810**
SPPR type SDz5, 415V (For MU-G15/20/20H)	XM818090000	1	**1810**
SPPR type Sz5(6 long wire), 360V (FOR MU-G10/10H)	CS94855C000	1	**1010**
SPPR type Sz5(6 long wire), 415V (FOR MU-G10/10H)	CS94855D000	1	**1010**

ON-OFF Plugs [HSN Code 8538]



Spare
ON-OFF plug

Description	Cat. No.	Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
Spare plug MU-G6 (Bulk of 10)	ST155910000	1	**110**
Spare plug MU-10 (Bulk of 10)	ST155920000	1	**120**
Spare plug MU-15 (Bulk of 10)	ST155930000	1	**130**
Spare plug MU-20 (Bulk of 10)	ST155940000	1	**135**
Spare plug MU-30 (Bulk of 10)	ST155950000	1	**140**
Spare plug MU-50 (Bulk of 10)	ST155960000	1	**145**
Spare plug MU-75 (Bulk of 10)	ST155970000	1	**145**

Electronic Star-Delta Timer [HSN Code 9107]



Timer ST100

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
Electronic Star-Delta Timer type ST100 160 - 500V, for 3 - 30 sec	ST803280000	1	**1960**

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

MN Relay & ML Spares

Spare MN Relay [HSN Code 8536]



MN 2

Type of Mounting (Operation)	Relay Range (A)	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
		MN 2		
(Directly Operated) Direct Mounting	6 - 10	SS94142OOVO	10	**1700**
	9 - 15	SS94142OOBO	10	**1710**
	14 - 23	SS94144OODO	10	**1860**
	20 - 33	SS94145OOEO	10	**2740**



MN 5

		MN 5		
(Directly Operated) Direct Mounting	20 - 33	SS94136OOEO	10	**3410**
	30 - 50	SS94136OOGO	10	**4200**
	36 - 60	SS94136OOTO	10	**4520**
	45 - 75	SS94137OOJO	10	**4850**
	66 - 110	SS94137OOKO	10	**5530**

ML Spares [HSN Code 8538]

Type	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
Spare Kit ML2	SS953070000	10	**4240**
Spare Kit ML3	SS953090000	10	**7150**
Spare Kit ML4	SS953110000	10	**11100**
Spare Kit ML6	SS953130000	10	**19600**
Front Housing & Bridge Assembly Kit ML1.5	ST287340000	1	**840**
Front Housing & Bridge Assembly Kit ML2/3	ST238660000	1	**1150**
Front Housing & Bridge Assembly Kit ML4/6	ST287350000	1	**2090**

SMART Controllers

Features

- In-built Theft protection, gives emergency alert to your mobile when someone steals your pump, cable or controller
- With Dry Run, Locked Rotor and Short Circuit protection (In-built MCB with K-Curve & MCCB)
- Voltage and current based protection for all faults with individual protection Enable/Disable feature
- In-built hour based and Real Time Clock based timers with time compensation feature
- With Line Voltage, Phase Current, Power Factor, Power, Energy metering and total run time information for your pump
- Complete operation (Remote ON/OFF, parameter setting, monitoring and troubleshooting) through SMS or SMARTCOMM Agri Connect App or IVRS
- Available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kannada, Malayalam, Bengali, Oriya, Punjabi and English languages with different language selection for individual users
- Microcontroller based technology
- Easy installation with factory fitted complete wiring and terminal block, need to connect only the supply and motor wires



SMARTCOMM Agri Connect

MU-G6S SMART Controller DOL [HSN Code 8536]



SMART Controller DOL MU-G6S

Suitable Region	IVRS Languages	Type	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 400/440V		
Central	English, Hindi, Kannada, Telugu, Punjabi	MU-G6S	6 HP	4 - 22	CS91206CCDO	CS91206PCDO	1	**19330**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G6S	6 HP	4 - 22	CS91206CSDO	CS91206PSDO	1	**19330**
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G6S	6 HP	4 - 22	CS91206CNDO	CS91206PNDO	1	**19330**
East	English, Hindi, Odia, Assamese, Bengali	MU-G6S	6 HP	4 - 22	CS91206CEDO	CS91206PEDO	1	**19330**

MU-G10S & MU-G10HS SMART Controller DOL [HSN Code 8536]



MU-G10S

Suitable Region	IVRS Languages	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		
Central	English, Hindi, Kannada, Telugu, Punjabi	MU-G10S	10 HP	4 - 22	CS91205CCDO	CS91205DCDO	1	**20460**
		MU-G10HS	10 HP	20 - 42	CS91207CCFO	CS91207DCFO	1	**21590**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G10S	10 HP	4 - 22	CS91205CSDO	CS91205DSDO	1	**20460**
		MU-G10HS	10 HP	20 - 42	CS91207CSFO	CS91207DSFO	1	**21590**
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G10S	10 HP	4 - 22	CS91205CNDO	CS91205DNDO	1	**20460**
		MU-G10HS	10 HP	20 - 42	CS91207CNFO	CS91207DNFO	1	**21590**
East	English, Hindi, Odia, Assamese, Bengali	MU-G10S	10 HP	4 - 22	CS91205CEDO	CS91205DEDO	1	**20460**
		MU-G10HS	10 HP	20 - 42	CS91207CEFO	CS91207DEFO	1	**21590**

SMART Controllers

With in-built short-circuit protection device



MU-G15S SMART Controller FASD [HSN Code 8536]



MU-G15S

Suitable Region	IVRS Languages	Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
					Coil Voltage 360-W (200V-400V)	Coil Voltage 400/440V		
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G15S	15 HP	4 - 22	CS91529CNDO	CS91529PNDO	1	**26085**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G15S	15 HP	4 - 22	CS91529CSDO	CS91529PSDO	1	**26085**
East	English, Hindi, Assamese, Odia, Bengali	MU-G15S	15 HP	4 - 22	CS91529CEDO	CS91529PEDO	1	**26085**

MU-G15HS SMART Controller FASD [HSN Code 8536]



MU-G15HS

Suitable Region	IVRS Languages	Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
					Coil Voltage 360-W (200V-400V)	Coil Voltage 400/440V		
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G15HS	15 HP	13 - 32	CS91530CNEO	CS91530PNEO	1	**29590**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G15HS	15 HP	13 - 32	CS91530CSEO	CS91530PSEO	1	**29590**
East	English, Hindi, Assamese, Odia, Bengali	MU-G15HS	15 HP	13 - 32	CS91530CEEO	CS91530PEEO	1	**29590**

MU-G20S SMART Controller FASD [HSN Code 8536]



MU-G20S

Suitable Region	IVRS Languages	Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
					Coil Voltage 360 V	Coil Voltage 415 V		
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G20S	20 HP	4 - 22	CS91531CNDO	CS91531DNDO	1	**28740**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G20S	20 HP	4 - 22	CS91531CSDO	CS91531DSDO	1	**28740**
East	English, Hindi, Assamese, Odia, Bengali	MU-G20S	20 HP	4 - 22	CS91531CEDO	CS91531DEDO	1	**28740**
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G20S	20 HP	13 - 32	CS91531CNEO	CS91531DNEO	1	**32345**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G20S	20 HP	13 - 32	CS91531CSEO	CS91531DSEO	1	**32345**
East	English, Hindi, Assamese, Odia, Bengali	MU-G20S	20 HP	13 - 32	CS91531CEEO	CS91531DEEO	1	**32345**

MU-G20HS SMART Controller FASD [HSN Code 8536]



MU-G20HS

Suitable Region	IVRS Languages	Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std .Pkg. (Nos.)	M.R.P ₹ Per Unit
					Coil Voltage 360 V	Coil Voltage 415 V		
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G20HS	20 HP	13 - 42	CS91532CNFO	CS91532DNFO	1	**37650**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G20HS	20 HP	13 - 42	CS91532CSFO	CS91532DSFO	1	**37650**
East	English, Hindi, Assamese, Odia, Bengali	MU-G20HS	20 HP	13 - 42	CS91532CEFO	CS91532DEFO	1	**37650**

MU-G25S SMART Controller FASD [HSN Code 8536]



MU-G25S

Suitable Region	IVRS Languages	Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No.		Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
					Coil Voltage 360 V	Coil Voltage 415 V		
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G25S	25 HP	24 - 42	CS91533CNFO	CS91533DNFO	1	**40195**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G25S	25 HP	24 - 42	CS91533CSFO	CS91533DSFO	1	**40195**
East	English, Hindi, Assamese, Odia, Bengali	MU-G25S	25 HP	24 - 42	CS91533CEFO	CS91533DEFO	1	**40195**



SMART Controllers

MU-G30S SMART Controller FASD [HSN Code 8536]



MU-G30S

Suitable Region	IVRS Languages	Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No. Coil Voltage 380V	Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G30S	30 HP	20 - 50	CS91651LNGO	1	**53445**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G30S	30 HP	20 - 50	CS91651LSGO	1	**53445**
East	English, Hindi, Assamese, Odia, Bengali	MU-G30S	30 HP	20 - 50	CS91651LEGO	1	**53445**

MU-G40S SMART Controller FASD [HSN Code 8536]



MU-G40S

Suitable Region	IVRS Languages	Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No. Coil Voltage 380V	Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G40S	40 HP	30 - 60	CS91652LNTO	1	**60940**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G40S	40 HP	30 - 60	CS91652LSTO	1	**60940**
East	English, Hindi, Assamese, Odia, Bengali	MU-G40S	40 HP	30 - 60	CS91652LETO	1	**60940**

MU-G50S SMART Controller FASD [HSN Code 8536]



MU-G50S

Suitable Region	IVRS Languages	Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No. Coil Voltage 380V	Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G50S	50 HP	30 - 75	CS91653LNJO	1	**88360**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G50S	50 HP	30 - 75	CS91653LSJO	1	**88360**
East	English, Hindi, Assamese, Odia, Bengali	MU-G50S	50 HP	30 - 75	CS91653LEJO	1	**88360**

MU-G75S SMART Controller FASD [HSN Code 8536]



MU-G75S

Suitable Region	IVRS Languages	Type	Suitable for Pump/Motor 3Ø, 415V, 50Hz	Relay Range (A)	Cat. No. Coil Voltage 380V	Std. Pkg. (Nos.)	M.R.P ₹ Per Unit
North	English, Hindi, Marathi, Gujarati, Punjabi	MU-G75S	75 HP	45 - 90	CS91654LNKO	1	**112350**
South	English, Hindi, Kannada, Telugu, Tamil	MU-G75S	75 HP	45 - 90	CS91654LSKO	1	**112350**
East	English, Hindi, Assamese, Odia, Bengali	MU-G75S	75 HP	45 - 90	CS91654LEKO	1	**112350**

Spares for SMART Controllers



SMART Controller Spares [HSN Code 8538]

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
i-Smart for DOL without WLC	CS91413O*OO	1	**16180**
i-Smart for FASD without WLC(upto 25HP)	CS91414O*OO	1	**20300**
i-Smart for FASD without WLC (30-75HP)	CS91415O*OO	1	**24380**
Spare CT Assembly DOL (And FASD Upto 25 HP)	CS910950OOO	1	**1590**
Spare CT Assembly FASD 30-75 HP	CS916480OOO	1	**2295**
Spare Battery Pack	CS914170OOO	1	**1280**

Note: Please write S for South, N for North and E for East language variants in place of * in the i-Smart ordering CAT No.



New WLC: SzLC Series

Simplifying water control challenges



- Settable Off-timer ranging from 15-150 minutes
- Power On Delay Timer- 3-30 seconds
- Application: Single & Double Tank
- Use for Single Phase Monoset and Submersible Pump upto 3 HP and for Three Phase Submersible Pump
- Auto/Manual/ Bypass operating mode available*
- LED Indication



*AUTO/ON/OFF - SzLC
AUTO/MANUAL/BYPASS - SzLC1 & SzLC3

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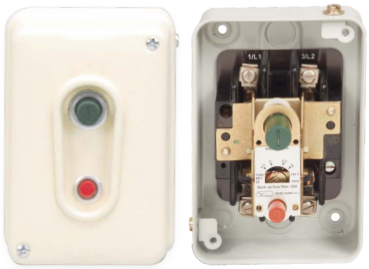
Single Phase Starters



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	**2440**
0.25 HP	1.5 - 2.5	CS90319KOPO	1	**2440**
0.5 HP	2.5 - 4	CS90319KORO	1	**2440**
0.75 HP	4 - 6.5	CS90319KOTO	1	**2440**
1 HP	6 - 10	CS90319KOVO	1	**2440**
2 HP	9 - 14	CS90319KOAO	1	**2440**
2 HP	11 - 18	CS90319KOCO	1	**2455**
3 HP	13 - 22	CS90319KODO	1	**2485**



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	**1740**
1.25 HP	6.5 - 11	SS97227OOVO	1	**1740**
2 HP	10.5 - 17.5	SS97227OOBO	1	**1740**
3 HP	12 - 20	SS97227OOCO	1	**1740**



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	SS97728OOVE	1 x 36	**3880**
MF-G1 with Ammeter Only	0.5 HP	6.5 - 11	SS97734OOVC	1 x 25	**3565**
MF-G1 with Ammeter and Voltmeter	1 HP	6.5 - 11	SS97730OOVE SS97730OOVG	1 x 36 1 x 50	**4045**
MF-G1 with Ammeter Only	1 HP	6.5 - 11	SS97736OOVE SS97736OOVG	1 x 36 1 x 50	**3725**
MF-G1 with Ammeter and Voltmeter	1 HP	12 - 20	SS97730OOCE SS97730OOCG	1 x 36 1 x 50	**4045**
MF-G1 with Ammeter Only	1 HP	12 - 20	SS97736OOCE SS97736OOCG	1 x 36 1 x 50	**3725**
MF-G1 with Ammeter and Voltmeter	1.5 HP	6.5 - 11	SS97731OOVG SS97731OOVF	1 x 50 2 x 36	**4170**
MF-G1 with Ammeter Only	1.5 HP	6.5 - 11	SS97737OOVF	2 x 36	**3855**
MF-G1 with Ammeter and Voltmeter	1.5 HP	12 - 20	SS97731OOCG SS97731OOCF	1 x 50 2 x 36	**4170**
MF-G1 with Ammeter Only	1.5 HP	12 - 20	SS97737OOCG SS97737OOCF	1 x 50 2 x 36	**3855**
MF-G1 with Ammeter and Voltmeter	2 HP	12 - 20	SS97732OOCG SS97732OOCF	1 x 50 2 x 36	**4245**
MF-G1 with Ammeter Only	2 HP	12 - 20	SS97738OOCG SS97738OOCF SS97738OOCH	1 x 50 2 x 36 2 x 50	**3910**

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

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	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	-	**4660**
		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	**4440**
		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	-	**5075**
		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	**4830**
		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	-	**5470**
		SS97722BCAF	9 - 14	120 / 150	2 x 36			
		SS97722BCAJ	9 - 14	120 / 150	1 x 72			
		SS97722BDAG	9 - 14	150 / 200	1 x 50			
		SS97722BDAF	9 - 14	150 / 200	2 x 36			
		SS97722BDAJ	9 - 14	150 / 200	1 x 72			
		SS97722BCCG	11 - 18	120 / 150	1 x 50			
		SS97722BCCF	11 - 18	120 / 150	2 x 36			
		SS97722BCCJ	11 - 18	120 / 150	1 x 72			
		SS97722BDCG	11 - 18	150 / 200	1 x 50			
		SS97722BDCF	11 - 18	150 / 200	2 x 36			
		SS97722BDCJ	11 - 18	150 / 200	1 x 72			

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

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	Run Capacitor 440V, 50Hz MFD	With Ammeter & Voltmeter	With Ammeter Only	M.R.P ₹ Per Unit
MR-G2	1.5 HP	SS96989BCAG	9 - 14	120 / 150	1 x 50	-	Yes	**5270**
		SS96989BCAF	9 - 14	120 / 150	2 x 36			
		SS96989BCAJ	9 - 14	120 / 150	1 x 72			
		SS96989BDAG	9 - 14	150 / 200	1 x 50			
		SS96989BDAF	9 - 14	150 / 200	2 x 36			
		SS96989BDAJ	9 - 14	150 / 200	1 x 72			
		SS96989BCCG	11 - 18	120 / 150	1 x 50			
		SS96989BCCF	11 - 18	120 / 150	2 x 36			
		SS96989BCCJ	11 - 18	120 / 150	1 x 72			
		SS96989BDCG	11 - 18	150 / 200	1 x 50			
		SS96989BDCF	11 - 18	150 / 200	2 x 36			
		SS96989BDCJ	11 - 18	150 / 200	1 x 72			
	2 HP	SS97723BDCF	11 - 18	150 / 200	2 x 36	Yes	-	**5750**
		SS97723BDCJ	11 - 18	150 / 200	1 x 72			
		SS97723BECF	11 - 18	200 / 250	2 x 36			
		SS97723BECJ	11 - 18	200 / 250	1 x 72			
		SS97723BDDF	13 - 22	150 / 200	2 x 36			
		SS97723BDDJ	13 - 22	150 / 200	1 x 72			
		SS97723BEDF	13 - 22	200 / 250	2 x 36			
		SS97723BEDG	13 - 22	200 / 250	1 x 50			
		SS97723BEDJ	13 - 22	200 / 250	1 x 72			
		SS96990BDCF	11 - 18	150 / 200	2 x 36	-	Yes	**5500**
		SS96990BDCJ	11 - 18	150 / 200	1 x 72			
		SS96990BECF	11 - 18	200 / 250	2 x 36			
		SS96990BECJ	11 - 18	200 / 250	1 x 72			
		SS96990BDDF	13 - 22	150 / 200	2 x 36			
		SS96990BDDJ	13 - 22	150 / 200	1 x 72			
		SS96990BEDF	13 - 22	200 / 250	2 x 36			
		SS96990BEDG	13 - 22	200 / 250	1 x 50			
		SS96990BEDJ	13 - 22	200 / 250	1 x 72			
	3 HP	SS97724BEDH	13 - 22	200 / 250	2 x 50	Yes	-	**6355**
		CS96468BEBH	16 - 26	200 / 250	2 x 50			
		SS97725BEDH	13 - 22	200 / 250	2 x 50	-	Yes	**6030**
		CS96461BEBH	16 - 26	200 / 250	2 x 50			
MR-G3	5 HP	CS90490BEEJ	20 - 32	200 / 250	3 x 50	Yes	-	**9025**

MR-G2W Single Phase Submersible Controllers (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	Run Capacitor 440V, 50Hz MFD	M.R.P ₹ Per Unit
0.5HP	CS91040BATC	4 - 6.5	80 / 100	1 x 25	10315
	CS91040BAVE	6 - 10	80 / 100	1 x 36	
1HP	CS91041BBVE	6 - 10	100 / 120	1 x 36	10750
	CS91041BBVG	6 - 10	100 / 120	1 x 50	
	CS91041BCVE	6 - 10	120 / 150	1 x 36	
	CS91041BCVG	6 - 10	120 / 150	1 x 50	
	CS91041BBAE	9 - 14	100 / 120	1 x 36	
	CS91041BBAG	9 - 14	100 / 120	1 x 50	
	CS91041BCAE	9 - 14	120 / 150	1 x 36	
	CS91041BCAG	9 - 14	120 / 150	1 x 50	
1.5HP	CS91042BCAG	9 - 14	120 / 150	1 x 50	11290
	CS91042BDAG	9 - 14	150 / 200	1 x 50	
	CS91042BDAF	9 - 14	150 / 200	2 x 36	
	CS91042BCCF	11 - 18	120 / 150	2 x 36	
	CS91042BDCG	11 - 18	150 / 200	1 x 50	
	CS91042BDCF	11 - 18	150 / 200	2 x 36	
2HP	CS91043BECF	11 - 18	200 / 250	2 x 36	11545
	CS91043BDDF	13 - 22	150 / 200	2 x 36	
	CS91043BEDF	13 - 22	200 / 250	2 x 36	
	CS91043BEDG	13 - 22	200 / 250	1 x 50	
3HP	CS91044BEDH	13 - 22	200 / 250	2 x 36	11960

Water Level Controller [HSN Code 9032]



WLC

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
Water Level Controller (240V)(Double Tank application)	XM81052OOOO	1	1400
Water Level Controller (415V)(Double Tank application)	XM81053OOOO	1	1400
Water Level Controller (240V) (Single Tank application)	XM81055OOOO	1	1330
Water Level Controller (415V) (Single Tank application)	XM81056OOOO	1	1330
WLC probes (set of 3 nos.)	XM81051OOOO	1	465
WLC probes (set of 6 nos.)	XM81076OOOO	1	930

Spares for MR-G Submersible Pump Controllers



MR-G Plug ON



MR-G Plug OFF



MR11W Aux. Contact Block

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)	CS94179OOOO	10	**315**
MR 11W, Spare Coil, 240V, 50Hz	CS94102BOOO	10	**700**
MR-G2 Plug ON & OFF (Bulk of 10 ON & 10 OFF Plugs)	CS91696OOOO	1	**280**
SPARE ADD ON BLOCK, MR-G2	CS96436OOOO	1	**220**



MU - 2P Contactor

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)	CS90117NOOO	10	**990**
	25A	MU 25 - 2P (160-220V)	CS90118NOOO	10	**1210**
	40A	MU 40 - 2P (160-220V)	CS90119NOOO	10	**1535**



MR 11W Contactor

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	CS94176BOOO	10	**1200**



MU - 2P Relay

MU - 2P Relay [HSN Code 8536]

Component	Type	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
MU - 2P Relay	1 - 1.6A	CS90207OOMO	1	**715**
	1.5 - 2.5A	CS90207OOPO	1	**715**
	2.5 - 4A	CS90207OORO	1	**715**
	4 - 6.5A	CS90207OOTO	1	**715**
	6 - 10A	CS90207OOVO	1	**715**
	9 - 14A	CS90207OOAO	1	**715**
	11 - 18A	CS90207OOCO	1	**800**
	13 - 22A	CS90207OODO	1	**800**
	16 - 26A	CS90207OOBO	1	**800**
	20 - 32A	CS90207OOEO	1	**1000**

MU - 2P Spares [HSN Code 8538]



MU-2P Coil



MU-2P Top Add-On

Component	Type	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
MU - 2P Spare Contact Kit	MU 16 - 2P	CS902170000	1	290
	MU 25 - 2P	CS902180000	1	380
	MU 40 - 2P	CS902190000	1	550
MU - 2P Spare Coil & Top Add-on	MU-2P Coil (220V)	CS90793N000	1	385
	MU-2P Coil (300V)	CS90793R000	1	385
	MU-2P Top Add-on (1 NO)	CS906950000	1	215

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	945
Wiring Harness, MU-G10 (Flexible Type)	CS961300000	1	1340
Wiring Harness, MU-G10H (Flexible Type)	CS961340000	1	1745
Wiring Harness, MU-G15 (Flexible Type)	CS905670000	1	1980
Wiring Harness, MU-G20 (SDz5 SPPR) (Flexible Type)	CS961290000	1	2955
Wiring Harness, MU-G20H (SDz5 SPPR) (Flexible Type)	CS961350000	1	3150
Wiring Harness, MU-G30 (Flexible Type)	CS961280000	1	3870
Wiring Harness, MU-G50 (Flexible Type)	CS961270000	1	5500
Wiring Harness, MU-G75 (Flexible Type)	CS901710000	1	7910
Wiring Harness 2.5 sq. mm, MR-G2 (Flexible Type, For upto 11 - 18A Relay)	CS961330000	1	1090



MR-Gi Digital Single Phase Controllers - Manual & Auto



Manual version	FEATURES	Auto version
Microcontroller Based Solution		All features of Manual Version
Dry Run Protection		Inbuilt Water Level Controller
UV/OV Protection		WLC bypass feature
Current, Voltage Metering		Auto start capacitor switching
Start & Run Capacitor		Power on delay
Bypass Feature		Dry Run auto reset timer
Off Timer		Auto & Manual mode
Digital Display		RTC based daily ON/OFF timer
Capacitor cut-off		Timer count down display
Automatic Current Setting		Cyclic timer
		Time Compensation



MR-Gi (Manual) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 1Ø, 230V, 50Hz	Cat. No.	Start Capacitor 275V, 50Hz	Run Capacitor 440V, 50Hz MFD	M.R.P ₹ Per Unit
MR-Gi (Manual)	0.5 Hp	CS91321NAOC	80 / 100	1 x 25	**4220**
		CS91321NAOE	80 / 100	1 x 36	
	1 Hp	CS91322NBOE	100 / 120	1 x 36	**4440**
		CS91322NBOG	100 / 120	1 x 50	
		CS91322NCOE	120 / 150	1 x 36	
		CS91322NCOG	120 / 150	1 x 50	
	1.5 Hp	CS91323NCOG	120 / 150	1 x 50	**4650**
		CS91323NCOF	120 / 150	2 x 36	
		CS91323NCOJ	120 / 150	1 x 72	
		CS91323NDOG	150 / 200	1 x 50	
		CS91323NDOF	150 / 200	2 x 36	
	2 Hp	CS91324NDOF	150 / 200	2 x 36	**4845**
		CS91324NDOH	150 / 200	2 x 50	
		CS91324NDOJ	150 / 200	1 x 72	
		CS91324NEOF	200 / 250	2 x 36	
		CS91324NEOG	200 / 250	1 x 50	
		CS91324NEOJ	200 / 250	1 x 72	
	3 Hp	CS91325NEOH	200 / 250	2 x 50	**5050**

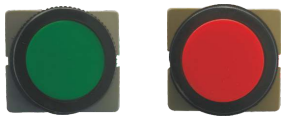
MR-GiB (Auto) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 1Ø, 230V, 50Hz	Cat. No.	Start Capacitor 275V, 50Hz	Run Capacitor 440V, 50Hz MFD	M.R.P ₹ Per Unit
MR-GiB (Auto)	0.5 Hp	CS91718NAOC	80 / 100	1 x 25	**5300**
		CS91718NAOE	80 / 100	1 x 36	
	1 Hp	CS91719NBOE	100 / 120	1 x 36	**5500**
		CS91719NBOG	100 / 120	1 x 50	
		CS91719NCOE	120 / 150	1 x 36	
		CS91719NCOG	120 / 150	1 x 50	
	1.5 Hp	CS91720NCOG	120 / 150	1 x 50	**5695**
		CS91720NCOF	120 / 150	2 x 36	
		CS91720NCOJ	120 / 150	1 x 72	
		CS91720NDOG	150 / 200	1 x 50	
		CS91720NDOF	150 / 200	2 x 36	
	2 Hp	CS91721NDOF	150 / 200	2 x 36	**5910**
		CS91721NDOH	150 / 200	2 x 50	
		CS91721NDOJ	150 / 200	1 x 72	
		CS91721NEOF	200 / 250	2 x 36	
		CS91721NEOG	200 / 250	1 x 50	
		CS91721NEOJ	200 / 250	1 x 72	
	3 Hp	CS91722NEOH	200 / 250	2 x 50	**6115**



MR-GiA (Auto with WLC) [HSN Code 8536]

Type	Maximum Submersible Pump Rating at 1Ø, 230V, 50Hz	Cat. No.	Start Capacitor 275V, 50Hz	Run Capacitor 440V, 50Hz MFD	M.R.P ₹ Per Unit
MR-GiA (Auto with WLC)	0.5 Hp	CS91331NAOC	80 / 100	1 x 25	5850
		CS91331NAOE	80 / 100	1 x 36	
	1 Hp	CS91332NBOE	100 / 120	1 x 36	6055
		CS91332NBOG	100 / 120	1 x 50	
		CS91332NCOE	120 / 150	1 x 36	
		CS91332NCOG	120 / 150	1 x 50	
	1.5 Hp	CS91333NCOG	120 / 150	1 x 50	6255
		CS91333NCOF	120 / 150	2 x 36	
		CS91333NCOJ	120 / 150	1 x 72	
		CS91333NDOG	150 / 200	1 x 50	
		CS91333NDOF	150 / 200	2 x 36	
	2 Hp	CS91334NDOF	150 / 200	2 x 36	6445
		CS91334NDOH	150 / 200	2 x 50	
		CS91334NDOJ	150 / 200	1 x 72	
		CS91334NEOF	200 / 250	2 x 36	
		CS91334NEOG	200 / 250	1 x 50	
		CS91334NEOJ	200 / 250	1 x 72	
	3 Hp	CS91335NEOH	200 / 250	2 x 50	6660



Start Switch | Stop Switch



Terminal Block

Digital Single Phase Controller Spares [HSN Code 8538]

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
Spare start switch (Manual Version)	CS913630000	1	245
Spare stop switch (Manual Version)	CS913640000	1	190
Mounting kit accessory	CS913650000	1	145
Spare 5 way terminal block	CS913660000	1	170
Spare 2 way terminal block	CS913670000	1	125
Spare Digital Module Manual	CS920250000	1	3140
Spare Digital Module Auto	CS920260000	1	4285



MR-GiA WLC Spare

Digital Single Phase Controller Spares [HSN Code 9032]

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P ₹ Per Unit
Spare Wlc Module	CS913680000	1	1200

M-POWER Pro

Operate your pump from anywhere at anytime



EASE OF OPERATION

Ease and convenience in operating pump from anywhere, anytime through SMS, IVRS and SMARTCOMM App

SELECTIVE PROTECTION

One can enable or disable each protection as per convenience. One can also change the voltage and current settings as per requirement.

EASE IN MONITORING

One can easily check important parameters such as pump status (ON/OFF), metering etc. at the comfort of SMARTCOMM App

CONVENIENCE IN USAGE

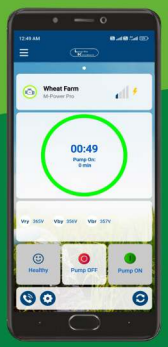
The same device can be used with 3 phase DOL & Star - Delta starter, hence no additional device is needed.

COMPLETE PROTECTION

Along with dry run fault protection (with dry run reset feature), it provides protection from over voltage, under voltage, single phasing or phase loss, phase reversal & phase unbalance faults.

★ WITH TIMER OPERATIONS

★ EASY THREE WIRE CONNECTION



Technology at your fingertips

SMARTCOMM Agri Connect

AGRI CUSTOMER CARE

Tel: +91-22-69327800

E-mail: cic@LK-EA.com

SMARTSHOP

Buy only authentic products.

smartshop.lk-ea.com

M-POWER Pro
Module For Mobile Starters

M-POWER Pro

Features



- Only 3 wire connection ensures easy installation with DOL and Star Delta starters
- Enables the operation (Remote ON/OFF, parameter setting, monitoring and troubleshooting) of your pump through SMS, IVRS, Call and SMARTCOMM App, thus provides the convenience in controlling the pump operation from anywhere at anytime
- Offers protection from phase loss, voltage imbalance, phase reversal, over voltage, under voltage and dry run fault with individual protection Enable/Disable feature.
- Same unit works for Three Phase DOL and Star Delta starter
- Hour based and Network based daily timers (4 Time slot) with time compensation
- Up to 4 users along with 1 master can be connected for controlling your pump operation
- Auto/Manual/Bypass mode and total run time information for your pump

M-POWER Pro [HSN Code 8536]

Suitable Region	IVRS Languages	Product	Cat. No.			Std. Pkg. (Nos.)	M.R.P. ₹ Per Unit
			Coil Voltage 360V	Coil Voltage 380V	Coil Voltage 415V		
North & West	English, Hindi, Marathi, Gujarati, Punjabi	M-POWER Pro	CS91313MOOO	CS91313LOOO	CS91313OOOO	1	**7690**
South	English, Hindi, Kannada, Telugu, Tamil		CS91313MOSO	CS91313LOSO	CS91313OOSO	1	**7690**
East	English, Hindi, Odia, Assamese, Bengali		CS91313MOEO	CS91313LOEO	CS91313OOEO	1	**7690**

Note: Different voltage variants of M-POWER Pro are as per the coil voltages of our agri contactors and are to be suitably selected.



M-POWER ++ & M-POWER + Module For Mobile Starters

M-POWER ++

NEW

Features:

- M-POWER++ is compatible with LTE 4G/ VoLTE. It also supports 2G network.
- Enables remote operation (Pump ON/OFF) through any GSM networks.
- It can be operated through Missed Call / IVRS / SMS. Regional languages are available for SMS/IVRS.
- All events communicated to User by SMS & total pump run time can be checked.
- Wide range of selection for operating modes like Auto / Manual / Timer (duration based) /4 Daily Timers (RTC based).
- Compatible with 1 phase and 3 phase starter & controller (DOL, SASD & FASD).



M-POWER++ [HSN Code 8538]

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	CS92145OONO	1	5995
	English, Hindi, Kannada, Telugu, Tamil	South	CS92145OOSO	1	5995
	English, Hindi, Bengali, Odiya, Assamese	East	CS92145OOEO	1	5995

M-POWER +

M-POWER+ [HSN Code 8538]

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	4995
	English, Hindi, Kannada, Telugu, Tamil	South	GSM0301OOSO	1	4995
	English, Hindi, Bengali, Odiya, Assamese	East	GSM0301OOEO	1	4995



M-POWER+ & M-POWER++ Accessories

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
Wire Type Antenna [8538]	GSM0301AOOO	1	510
Controller-side Wire Harness [8544]	GSM0301COOO	1	185
Module-side Wire Harness [8544]	GSM0301GOOO	1	270



Controller-side Wire Harness & Module-side Wire Harness



Wire Type Antenna

Auto WLC

WLC monitors the water level in the tanks and controls the actuation of the motor/pump. The WLC can be used for applications like filling & draining the tank, filling only one tank with dual levels monitoring, draining only one tank with dual level monitoring.

This Auto WLC comes with three variants:

- **SzLC** – Used for Single Phase Monoblock & Self Priming Pump (Upto 3HP)
- **SzLC1** – Used for Single Phase Submersible Pump (Upto 3HP)
- **SzLC3** – Used for Three Phase Submersible

Features

- Two level detection of water in a tank.
- One/Two tank monitoring for draining or filling or draining and filling the water
- High load switching capacity of output up to 30A. (For SzLC & SzLC1)
- Separate LED indication for water level, power, and relay status.
- Settable power on delay and OFF timer.
- Multiple operating modes like AUTO/ ON/ OFF (For SzLC) and AUTO/ MANUAL/ BYPASS (For SzLC1 & SzLC3).
- Protections against dry run and over filling, means trip against tank emptying and over filling through probe sensing only.



Auto WLC [HSN Code 9032] NEW

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
Auto WLC, SzLC : For Single Phase Double Tank	XM810600000	1	1945
Auto WLC, SzLC1 : For Single Phase (STARTER+CAP) Double Tank	XM810620000	1	2420
Auto WLC, SzLC : For Single Phase Single Tank	XM810660000	1	1875
Auto WLC, SzLC1 : For Single Phase (STARTER+CAP) Single Tank	XM810670000	1	2350
Auto WLC, SzLC3 : For Three Phase Double Tank	XM810650000	1	3185
Auto WLC, SzLC3 : For Three Phase Single Tank	XM810680000	1	3110



SASDz5

SASDz5 Auto Switch SPPR is specially designed for the SASD starters. With the help of SASDz5, a Semi-Automatic (SASD) Starter can be converted into Fully Automatic (FASD) Starters. This SASDz5 is compatible with both two-button SASD starters (Start and Stop button) and three-button SASD starter (Start, Run and Stop button).

Features

- Auto / Manual / OFF Mode (Bypass)
- Phase loss, phase reversal, voltage unbalance, over voltage protection
- On delay timer and star delta timer
- LED indications for all voltage faults
- Compatible with all types of Semi-automatic Star-Delta (SASD) starters
- Easy connection



SASDz5 [HSN Code 9032] NEW

Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
SASDz5, AUTO SWITCH SPPR FOR 2 BUTTON SASD STARTER	XM818100000	1	**1545**
SASDz5, AUTO SWITCH SPPR FOR 3 BUTTON SASD STARTER	XM818110000	1	**1545**



i-PROTECTOR

Now with dedicated and separate buttons for Dry Run threshold & Dry Run reset delay

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 protection (With adjustable current setting and adjustable reset time)



i-VDSM

Recomended *i*-PROTECTOR for our starters

Product	DOL						Star - Delta					
	3-Phase Starter			3- Phase Controller			3-Phase SASD / FASD Starters			3-Phase Controller (FASD)		
	MK1 / MK2	MU1 / MU1H / MU2 / MU3	MB1 / MB2	MU-G6	MU-G7.5	MU-G10 / MU-G10H MU-G10HN	MK1	MU1 / MU2	MB1 / MB2	MU-G15	MU-G17.5	MU-G20 / MU-G20H MU-G20HN
***i*-ADSM**	✓	✓	✓	✓*	✓*	✓*	✓	✓	×	✓*	✓*	✓*
***i*-VDSM**	✓	✓	✓	✓*	✓*	✓*	✓	✓	×	✓*	✓*	✓*

* **Note:** MU-G Controller is provided with Sz5 /SDz5. In case of upgradation, use *i*-ADSM, *i*-VDSM in place of SPPR
✓ **Note:** *i*-PROTECTOR is compatible with the mentioned starter

i-PROTECTOR [HSN Code 8536]

Product Designation	Product Details	360 V	415 V	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
i-ADSM	Single phasing preventer & dry run protection relay + VI meter (current based)	CS90863COOO	CS90863DOOO	1	**3595**
i-VDSM	Single phasing preventer & dry run protection relay + VI meter (voltage based)	CS90875COOO	CS90875DOOO	1	**3595**

Note: Different voltage variants of *i*-PROTECTOR are as per the coil voltages of our Agri contactors and are to be suitably selected.

WIRE HARNESSES FOR *i*-PROTECTOR [HSN Code 8544]

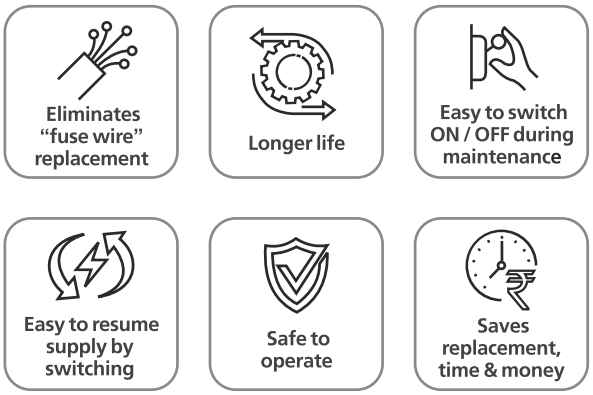
Description	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
Wire Harness,*i*-ADSM,*i* -VDSM	CS91635OOOO	1	**370**



MCB with K-Curve
Exclusively for Agricultural Pumps

Features

- Range available from 10A to 125A - 3 Pole and 10A to 32A - 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 rewireable fuse



MCB Selection for Controllers

2 Pole		
Product	Relay Range	MCB Rating (A)
MR-G2	4-6.5	10
	06-10	10
	09-14	16
	10-18	20
	13-22	25
	16-26	32
MR-G3	20-32	32

3 Pole		
Product	Relay Range	MCB Rating (A)
MU-G6	4-6.5	10
	06-10	10
	09-14	16
MU-G10	4-6.5	10
	06-10	10
	09-14	16
	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	LK20100K	10	2	6	**855**
	LK20160K	16	2	6	**855**
	LK20200K	20	2	6	**855**
	LK20250K	25	2	6	**855**
	LK20320K	32	2	6	**855**



MCB Pole	Cat. No.	MCB Rating (A)	Module 1Mod=17.5mm	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
3 - Pole	LK30100K	10	3	4	**1375**
	LK30160K	16	3	4	**1375**
	LK30200K	20	3	4	**1375**
	LK30250K	25	3	4	**1375**
	LK30320K	32	3	4	**1375**
	LK30400K	40	3	4	**2110**
	LK30500K	50	3	4	**2110**
	LK30630K	63	3	4	**2110**
	LK31000K	100	4.5	1	**8825**
	LK31250K	125	4.5	1	**9805**

Upcoming MCB

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
1 - Pole	LK10100K	10	1	12	**255**
	LK10160K	16	1	12	**255**
	LK10250K	25	1	12	**255**
	LK10320K	32	1	12	**255**



DY125U MCCB
For your Pump Applications

Features

- Conforms to IS/IEC 60947-2, IEC 60947-2 & EN 60947-2
- Range: 25A to 100A, 3P, 415V AC
- Breaking capacity Icu -10kA (Ics=100% Icu)
- High Electrical & Mechanical life
- Thermal Magnetic Release
- No Load-Line Bias
- ON-TRIP-OFF indication
- Suitable for Isolation
- Rated insulation voltage (Ui) - 800VAC
- Rated impulse withstand voltage (Uimp)-8kV
- CE Marking



NEW MCCB Cat Nos. & Ratings [HSN Code 8536]

Type	Poles	Current Rating (A)	Breaking Capacity Icu (kA)	Cat. No.	Description	M.R.P. ₹ Per Unit
DY125U	3P	25	AC: 10kA@ 415V AC, 50 Hz/60 Hz DC : 10kA@ 250V DC (3P in series)	EM90983OODO	MCCB DY125U 25A 3P 10kA FTFM	2290
		32		EM90983OOEO	MCCB DY125U 32A 3P 10KA FTFM	2290
		40		EM90983OOFO	MCCB DY125U 40A 3P 10KA FTFM	2290
		50		EM90983OOGO	MCCB DY125U 50A 3P 10KA FTFM	2290
		63		EM90983OOHO	MCCB DY125U 63A 3P 10KA FTFM	2220
		80		EM90813OOJO	MCCB DY125U 80A 3P 10KA FTFM	2220
		100		EM90813OOKO	MCCB DY125U 100A 3P 10KA FTFM W/O SPRD	2220

Upcoming Spares

Spares [HSN Code 8538]

Description	Cat. No.
Terminal Block 30A - 3 way (For MU-G6)	XM807500000
Red & Green, Relay Extension Button Kit (For MN 2/5 Relay)	SS949680000

Power Factor Correction Capacitors

Features

- Self-healing property ensures longer life of capacitor
- Leak proof and high viscous resin construction, hence no leakage or spillage
- Superior quality Metalized Polypropylene (MPP) film, ingress free construction and low losses ensures capacitance value and longer life of capacitor
- Metal construction allows natural cooling in ambient
- Suitable to work on high voltage
- Improved power factor and low losses ensures optimized cable usage, lesser overheating of motor and hence lesser damage and maintenance



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	**235**
2 kVAr	440V	LTBCA302B2	1	**455**
3 kVAr	440V	LTBCA303B2	1	**685**
4 kVAr	440V	LTBCA304B2	1	**915**
5 kVAr	440V	LTBCA305B2	1	**1145**
6 kVAr	440V	LTBCA306B2	1	**1375**
7.5 kVAr	440V	LTBCA307B2	1	**1720**
8.33 kVAr	440V	LTBCA308B2	1	**1910**
10 kVAr	440V	LTBCA310B2	1	**2295**
12.5 kVAr	440V	LTBCA312B2	1	**2865**
15 kVAr	440V	LTBCA315B2	1	**3435**
20 kVAr	440V	LTBCA320B2	1	**4580**
25 kVAr	440V	LTBCA325B2	1	**5720**
30 kVAr	440V	LTBCA330B2	1	**6855**

Cylindrical Capacitors [HSN Code 8532]

Rating	Voltage	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
1 kVAr	440V	LTCCA301B2	1	**195**
2 kVAr	440V	LTCCA302B2	1	**380**
3 kVAr	440V	LTCCA303B2	1	**570**
4 kVAr	440V	LTCCA304B2	1	**765**
5 kVAr	440V	LTCCA305B2	1	**955**
6 kVAr	440V	LTCCA306B2	1	**1145**
7.5 kVAr	440V	LTCCA307B2	1	**1435**
8.33 kVAr	440V	LTCCA308B2	1	**1590**
10 kVAr	440V	LTCCA310B2	1	**1910**
12.5 kVAr	440V	LTCCA312B2	1	**2375**
15 kVAr	440V	LTCCA315B2	1	**2855**
20 kVAr	440V	LTCCA320B2	1	**3810**
25 kVAr	440V	LTCCA325B2	1	**4750**
30 kVAr	440V	LTCCA330B2	1	**5705**

Cylindrical Capacitors with Clamps [HSN Code 8532]

Rating	Voltage	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
1 kVAr	440V	LTCCC301B2	1	**220**
2 kVAr	440V	LTCCC302B2	1	**410**
3 kVAr	440V	LTCCC303B2	1	**600**
4 kVAr	440V	LTCCC304B2	1	**795**
5 kVAr	440V	LTCCC305B2	1	**975**
6 kVAr	440V	LTCCC306B2	1	**1175**
7.5 kVAr	440V	LTCCC307B2	1	**1465**
8.33 kVAr	440V	LTCCC308B2	1	**1620**
10 kVAr	440V	LTCCC310B2	1	**1935**
15 kVAr	440V	LTCCC315B2	1	**2885**
20 kVAr	440V	LTCCC320B2	1	**3840**
25 kVAr	440V	LTCCC325B2	1	**4785**
30 kVAr	440V	LTCCC330B2	1	**5740**

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	415V	LTBCA301A2	1	**235**
2 kVAr	415V	LTBCA302A2	1	**455**
3 kVAr	415V	LTBCA303A2	1	**685**
4 kVAr	415V	LTBCA304A2	1	**915**
5 kVAr	415V	LTBCA305A2	1	**1145**
6 kVAr	415V	LTBCA306A2	1	**1375**
7.5 kVAr	415V	LTBCA307A2	1	**1720**
8.33 kVAr	415V	LTBCA308A2	1	**1910**
10 kVAr	415V	LTBCA310A2	1	**2295**
12.5 kVAr	415V	LTBCA312A2	1	**2865**
15 kVAr	415V	LTBCA315A2	1	**3435**
20 kVAr	415V	LTBCA320A2	1	**4580**
25 kVAr	415V	LTBCA325A2	1	**5720**
30 kVAr	415V	LTBCA330A2	1	**6855**

Cylindrical Capacitors [HSN Code 8532]

Rating	Voltage	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
1 kVAr	415V	LTCCA301A2	1	**195**
2 kVAr	415V	LTCCA302A2	1	**380**
3 kVAr	415V	LTCCA303A2	1	**570**
4 kVAr	415V	LTCCA304A2	1	**765**
5 kVAr	415V	LTCCA305A2	1	**955**
6 kVAr	415V	LTCCA306A2	1	**1145**
7.5 kVAr	415V	LTCCA307A2	1	**1435**
8.33 kVAr	415V	LTCCA308A2	1	**1590**
10 kVAr	415V	LTCCA310A2	1	**1910**
12.5 kVAr	415V	LTCCA312A2	1	**2375**
15 kVAr	415V	LTCCA315A2	1	**2855**
20 kVAr	415V	LTCCA320A2	1	**3810**
25 kVAr	415V	LTCCA325A2	1	**4750**
30 kVAr	415V	LTCCA330A2	1	**5705**



Capacitor Selection

- These are only broad guidelines
- For actual values please contact Motor manufacturer
- Recommended capacitor ratings for direct connection to induction motors

for direct connection to induction motors to improve power factor to 0.95 or better at all loads kVAr ratings when speed is:

Motor		3000 rpm	1500 rpm	1000 rpm	750 rpm	500 rpm
HP	kW	Capacitor (KVAr)	Capacitor (KVAr)	Capacitor (KVAr)	Capacitor (KVAr)	Capacitor (KVAr)
2.5	1.9	1	1	1.5	2	2.5
5	3.7	2	2	2.5	3.5	4
7.5	5.6	2.5	3	3.5	4.5	5.5
10	7.5	3	4	4.5	5.5	6.5
15	11.2	4	5	6	7.5	9
20	14.9	5	6	7	9	12
25	18.7	6	7	9	10.5	14.5
30	22.4	7	8	10	12	17
40	29.8	9	10	13	15	21
50	37.3	11	12.5	16	18	25
60	44.8	13	14.5	18	20	28
70	52.2	15	16.4	20	22	31
80	59.7	17	19	22	24	34
90	67.1	19	21	24	26	37
100	74.6	21	23	26	28	40
110	82.1	23	25	28	30	43
120	89.5	25	27	30	32	46
130	97.0	27	29	32	34	49
140	104.4	29	31	34	36	52
145	108.2	30	32	35	37	54
150	111.9	31	33	36	38	55
155	115.6	32	34	37	39	56
160	119.4	33	35	38	40	57
165	123.1	34	36	39	41	59
170	126.8	35	37	40	42	60
175	130.6	36	38	41	43	61
180	134.3	37	39	42	44	62
185	138.0	38	40	43	45	63
190	141.7	38	40	43	45	65
200	149.2	40	42	45	47	67
250	186.5	45	50	55	60	70

MFD Capacitors for Single Phase Application

Features

- Self-healing property of metalized film ensures longer life of capacitor Oil free dry resin construction, hence no leakage or spillage and no damage to panel
- Superior quality Metalized Polypropylene (MPP) film, ingress free construction and low losses ensures capacitance value and longer life of capacitor
- Suitable to work on high voltage
- High insulation resistance ensures minimum leakage loss
- Low losses and rated capacitance value ensures trouble free operation and performance of your motor





Spare Cylindrical Condensers with Wire [HSN Code 8532]

Type	Rating	Voltage	Cat. No.	Std.Pkg. (Nos.)	M.R.P. ₹ Per Unit
Run	10	440V	LTCCMRW010B2	21	**80**
	12.5	440V	LTCCMRW125B2	21	**95**
	15	440V	LTCCMRW015B2	21	**120**
	20	440V	LTCCMRW020B2	21	**140**
	25	440V	LTCCMRW025B2	12	**150**
	30	440V	LTCCMRW030B2	12	**160**
	36	440V	LTCCMRW036B2	12	**170**
	40	440V	LTCCMRW040B2	12	**215**
	45	440V	LTCCMRW045B2	12	**240**
	50	440V	LTCCMRW050B2	12	**250**
	72	440V	LTCCMRW072B2	12	**325**
Start	80-100	275V	LTCCMSW100P2	12	**240**
	100-120	275V	LTCCMSW120P2	12	**280**
	120-150	275V	LTCCMSW150P2	12	**330**
	150-200	275V	LTCCMSW200P2	12	**375**
	200-250	275V	LTCCMSW250P2	12	**420**

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	440V	LTCCMR025B2	12	**175**
	36	440V	LTCCMR036B2	12	**195**
	50	440V	LTCCMR050B2	12	**305**
Start	80-100	275V	LTCCMS100P2	12	**280**
	100-120	275V	LTCCMS120P2	12	**335**
	120-150	275V	LTCCMS150P2	12	**385**
	150-200	275V	LTCCMS200P2	12	**445**
	200-250	275V	LTCCMS250P2	12	**495**



Submersible Flat Cable

Submersible Cables



Features

- 1100V Grade cable with 99.97% pure ETP grade copper
- With uniform double insulation, no shock hazards, hence safe to use
- Lesser cable resistance, hence negligible voltage drop in cable ensures appropriate voltage at motor terminals.

Submersible Cables (Flat Cables) as per IS694 (For Andhra Pradesh, Telangana & Tamil Nadu) [HSN Code 8544]

Nominal Cross Section Area of Conductor (Sq. mm)	Construction Details/ Max Dia (mm)	Current Carrying Capacity at 40°C (A)	Cat. No.	M.R.P. ₹ Per Unit
1.5	22 / 0.3	14	WST0015PECM*.	Please refer Submersible Flat Cables Price List
2.5	36 / 0.3	18	WST0025PECM*.	
4	56 / 0.3	26	WST0040PECM*.	
6	84 / 0.3	31	WST0060PECM*.	

Note: * 5 for 500 mts & 1 for 1000 mts.

Submersible Cables (Flat Cables) as per IS694 [HSN Code 8544]

Nominal Cross Section Area of Conductor (Sq. mm)	Construction Details/ Max Dia (mm)	Current Carrying Capacity at 40°C (A)	Cat. No.	M.R.P. ₹ Per Unit
1	14 /0.3	11	WS00010PECM*.	Please refer Submersible Flat Cables Price List
1.5	22 / 0.3	14	WS00015PECM*.	
2.5	36 / 0.3	18	WS00025PECM*.	
4	56 / 0.3	26	WS00040PECM*.	
6	84 / 0.3	31	WS00060PECM*.	
10	80 / 0.4	42	WS00100PECM*.	
16	126 / 0.4	57	WS00160PECM*.	

Note: * 5 for 500 mts & 1 for 1000 mts.

GENERAL TERMS

All prices are on Maximum retail price basis inclusive of all duties, GST & any other tax as applicable.

WARRANTY POLICY

All products listed in the price list are covered by a warranty against manufacturing defects for a period of 18* months from the date of purchase. For Lauritz Knudsen MCBs & Isolators mounted inside Lauritz Knudsen Distribution Boards, an extended warranty of 5 years is provided. In the event of a defect due to faulty workmanship or other associated reasons, we will, at our discretion, remedy the defect or replace the faulty parts or the entire product as soon as possible, free of cost.

However, the warranty is subject to proper usage, efficient maintenance, and does not cover defects arising from fire, accidents, inefficient maintenance, faulty operation, or deliberate or accidental damage. It also does not cover damage to power electronic components such as thyristors & IGBTs, which primarily fail due to overtemperature & over-voltage. Users need to take adequate precautions to eliminate these conditions. Manufacturer shall not be responsible & liable for any special, incidental, social or consequential (including lost profits) loss, consequential damages, injury or damages (punitive) of any kind solely attributable to defect or failure of its products. Manufacturer shall not be liable in any manner for the issue of or failure in the performance of other equipment the product is attached to.

NOTE:
We are committed to maintaining our product warranty in line with our standard terms for both the Lauritz Knudsen Brand and the L&T Switchgear brand. The change in brand will not alter our standard warranty terms or any applicable extended warranty terms.

Furthermore, we will ensure that spares and after-sales support remain available throughout the entire product life cycle, regardless of whether the products are under the L&T Switchgear brand or the Lauritz Knudsen Brand

Please visit www.LK-EA.com for latest update on our products & prices.

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Product improvement is a continuous process. For the latest information and special application, please contact any of our offices listed here. Product photographs shown for representative purpose only.

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