

Manual Motor Starters

Designed for On/Off Control of Motors from 1 - 20 HP



Full Voltage Starters in Non-Metallic Enclosure are supplied complete with three-pole, single phase, sensitive, thermal overload relay. These enclosures have knockout entries on the upper and lower surfaces and must be completed with adequate wire conduits to maintain the enclosure degree of protection.

Electrical Life is 500,000 cycles at the maximum rate of 600 cycles/hour.

All models have IP65 (*Washdown Duty*) rating.

Part No.	Voltage	Phase	HP Rating	Amp Range
CE M2P032-B-B1	115	1	3	-
CE M1P018-C-B1S	230	1	3	13-18
CE M2P032-C-B3S	230	1	5	20-25
CE M2P032-C-B4	230	1	7.5	24-32
CE M1P009-C-A9	230	3	3	6.3-10
CE M1P018-C-B0	230	3	5	9-14
CE M2P025-C-B1	230	3	7.5	13-18
CE M2P032-C-B3	230	3	10	20-25
CE M2P038-C-B5	230	3	15	32-38
CE M1P009-D-A7	460	3	5	2.5-4
CE M1P018-D-A9	460	3	7.5	6.3-10
CE M1P018-D-B0	460	3	10	9-14
CE M2P025-D-B2	460	3	15	17-23
CE M2P032-D-B3	460	3	20	20-25

— Other Sizes & Configurations Available —

Pump Start-Stop Control Panel For Use with 3 HP & 5 HP, 1 Phase Pump Motors

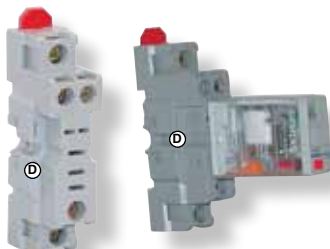
- Main Disconnect with Lockout On Side
- Magnetic Motor Starter with 24V Coil & 24V Transformer; 24V Switch for Safety.
- Overload Protection & Fused.
- Green LED Run Light.
- Polycarbonate Enclosure & Switches are NEMA Rated for Outdoor Use.
- Approximately 12" x 10" x 6" Deep.
- UL Listed - Not Intended for Car or Truck Wash Applications (*No timer or relays included*).



Part No.	Description
DU EPL3-1	Start-Stop Auto Control Panel for 3 HP, 1 PH Pump Motors
DU EPL5-1	Start-Stop Auto Control Panel for 5 HP, 1 PH Pump Motors

Relays

Single Module for Self-Assembly with LED & Mechanical Indicator. 5-Pin Flat Plug



Part No.	Rated Control Supply Voltage	Contact Configuration	Contact Rating
GO 3TX7110-5JC13	24VAC	SPDT	15A
GO 3TX7110-5JF13	110 VAC	SPDT	15A
GO 3TX7144-1E7	Socket for 3TX7110		

3RT2 Contactors

SIEMENS

FEATURES:

- 4-Point AC Coil can be wired on top, bottom or diagonally.
- Use 3RU11 solid state overload relays below to create starters (*See Below*).
- Snap-on Auxiliary Contacts, surge suppressors.
- Front and Side Mounted Auxiliary Contacts from sizes 3RT202 thru 3RT204.



Maximum Amp Ratings	Single Phase HP Ratings			Three Phase HP Ratings				Auxiliary Contacts	
	AC-1	115V	230V	200V	230V	460V	575V	NO	NC
3RT201	22	1/2	2	3	3	7-1/2	10	1	-
3RT202	40	2	3	7-1/2	7-1/2	15	20	1	1
3RT203	80	3	7-1/2	10	15	30	40	-	-
3RT204	120	10	15	20	30	75	100	-	-

Part No.	Coil Voltage	Size	Amps
GO 3RT2017-1AB01	24 Volt	00	12
GO 3RT2026-1AC20	24 Volt	0	25
GO 3RT2035-1AC20	24 Volt	2	40
GO 3RT2046-1AC20	24 Volt	3	95
GO 3RT2026-1AK60	120 Volt	0	25
GO 3RT2035-1AK60	120 Volt	2	40
GO 3RT2045-1AK60	120 Volt	3	80

— Call for Information on Other Sizes —

3RU Thermal Overload Relays for 3RT2 Contactors Above



- Auxiliary Contacts: 1 NO + 1NC
- Manual/Automatic RESET
- Switching Position Indication
- TEST Function
- STOP Button
- Phase Failure Sensitivity
- Integrated, sealable Cover
- CLASS 10

SIEMENS

For Size 0	Setting Range	For Size 2	Setting Range
GO 3RU2126-1GB0	4.5 - 6.3	GO 3RU2136-4EB0	22 - 32
GO 3RU2126-1HB0	5.5 - 8.0	GO 3RU2136-4FB0	28 - 40
GO 3RU2126-1JB0	7.0 - 10	GO 3RU2136-4GB0	36 - 45
GO 3RU2126-1KB0	9.0 - 12.5	GO 3RU2136-4HB0	40 - 50
GO 3RU2126-4AB0	11 - 16	For Size 3	
GO 3RU2126-4BB0	14 - 20	GO 3RU2146-4HB0	36 - 50
GO 3RU2126-4CB0	17 - 22	GO 3RU2146-4JB0	45 - 63
GO 3RU2126-4DB0	20 - 25	GO 3RU2146-4KB0	57 - 75

Time Delay Relays

Time Delay Relays are for use with auto shut-down panels for prep systems, tire applicators, etc. Designed to time out and shut-off systems after a determined amount of time. Adjustable shut-off time settings. Solid state design. **TDB24AL Eight Prong Relay** is rated for 24 volts. This unit is adjustable from 1 second to 1022 seconds shut-down. Normally used in auto shut-down panels for prep units. For new installations, **5X852** support base is also required.

6A857 is rated for 120 volts. This unit is adjustable from .5 to 10 second shut-off. Ideal for use in tire applicator systems.



TDB24AL



5X852 Base



6A857

Part No.	Description
DU TDB24AL	24-Volt Time Delay
GN 5X852	Base for TDB24AL
GN 6A857	120 Volt Time Delay