

600 VAC

INDUSTRIAL DRIVES

Full Range of 600VAC Industrial Drives

Reliance Electric offers a full range of 600 Volt rated AC Drives to closely match your performance and environmental requirements. You can select the drive with the horsepower range, performance features, and enclosure for your specific application needs with 600 VAC input power.



MD65:

Volts per Hertz or Sensorless Vector Control microdrive that offers reliability and ease of use for low horsepower applications

- 0.5 to 1.5 HP @ 600 VAC
- IP20 Standard
- Optional NEMA 1 Kit
- Instruction Manual: D2-3519
- Brochure & Data Sheet: RAPS-959-2, RAPS-960-1

SP600:

Cost-effective, versatile drive with Volts per Hertz or Sensorless Vector Control for Industrial applications in all environments

- NEMA 1 (0.5 to 150 HP @ 600 VAC)
- NEMA 1 Flange (0.5 to 50 HP @ 600 VAC)*
- NEMA 4x/12 and IEC IP66 (0.5 to 50 HP @ 600 VAC)*
- Full Range of network options for control and data acquisition
- Instruction Manuals: D2-3485 (0.5 - 50 HP); D2-3501 (20 - 150 HP)

- Brochures & Data Sheets: D-2986, D-2987-1 (0.5 - 50 HP), RAPS-957-1, RAPS-958-2 (20 - 150 HP)

COMMUNICATION OPTIONS FOR MD65 and SP600 DRIVES:

Available communication modules include:

- ControlNet™ (Available on SP600 only)
- DeviceNet™
- EtherNet™
- Interbus-S™ (Available on SP600 only)
- Profibus™
- Modbus™ (Standard on MD65)

✓ Aggregate/Cement

✓ Food

Mining

Forest/Paper

✓ Petro/Chem

✓ Unit/Baggage Handling

✓ HVAC/Industrial Air Handling

✓ Environmental/Fluid Power

✓ Automotive

Metals

600 Volt AC Drive-Dimensions

MD65

Frame	HP @ 600V	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lb)
B	1.0-5.0	213 (8.39)	100 (3.94)	136 (5.35)	2.2 (4.9)
C	7.5-15	320 (12.6)	130 (5.1)	180 (7.1)	4.3 (9.5)

SP600

Frame	HP @ 600V	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lb)
SP600 NEMA 1					
A	0.5-1.0	225.8 (8.89)	121.9 (4.80)	179.8 (7.08)	3.6 (7.8)
B	2.0-5.0	234.6 (9.24)	171.2 (6.74)	179.8 (7.08)	5.0 (11.0)
C	7.5-10	300.0 (11.81)	185.9 (7.32)	179.8 (7.08)	7.6 (17.0)
D	15-30	350.0 (13.78)	220.4 (8.7)	180.4 (7.10)	10.0 (21.5)
E	40-50	556.0 (21.9)	280.0 (11.0)	220.0 (8.7)	18.60 (41.0)
2	20-25	342.0 (13.48)	222.0 (8.7)	200.0 (7.87)	12.5 (27.6)
3	30-50	517.0 (20.4)	222.0 (8.7)	200.0 (7.87)	18.5 (40.9)
4	60	759.0 (29.9)	221.0 (8.66)	201.7 (7.94)	24.5 (54.0)
5	75-100	644.0 (25.4)	308.9 (12.16)	275.0 (10.9)	37.2 (82.0)
6	125 -150	976.0 (38.43)	404.0 (15.90)	276.0 (10.9)	71.44 (157.5)
SP600 NEMA 4X/12					
B	0.5-5.0	240.0 (9.44)	171.2 (6.74)	203.0 (8.0)	5.0 (11.0)
D	7.5-30	350.0 (13.78)	220.4 (8.7)	211.0 (8.3)	10.0 (21.5)
E	40-50	556.0 (21.9)	280.0 (11.0)	220.0 (8.7)	18.60 (41.0)
SP600 Flange Mount					
A	0.5-1.0	225.8 (8.89)	156.0 (6.14)	178.6 (7.03)	5.22 (11.5)
B	2.0-5.0	234.6 (9.24)	205.2 (8.08)	178.6 (7.03)	7.03 (15.5)
C	7.5-10	300.0 (11.81)	219.0 (8.62)	178.6 (7.03)	12.52 (27.6)
D	15-30	336.0 (13.13)	248.4 (9.76)	178.6 (7.03)	18.55 (40.9)
E	40-50	556.0 (21.9)	280.0 (11.0)	220.0 (8.7)	18.60 (41.0)

www.rockwellautomation.com www.dodge-pt.com www.reliance.com www.ptplace.com www.ptplace.ca www.ptplace.com.mx

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