

CONTROL TECHNIQUES Frequency controllers Commander C300



Commander variable speed drives have established the standard of excellence in motor control since 1983 when Control Techniques launched the first world commercial vector drive

. Since then, Commander has undergone several successful reiterations, each time bringing new technology and innovations to the world of automation.

The new Commander C series has been designed to be a simple and compact AC motor speed controller that meets advanced requirements in a wide range of applications and provides optimum user experience.

Commander C Highlights



- Set just 4 parameters to get your drive started
- Plug-in options for advanced control
- Dual Safe Torque Off (STO)
- Equipped with the latest energy saving features
- Up to 180% overload for high torque applications
- On board PLC
- Straightforward installation and commissioning
- Easy motor pairing and performance control
- Robust and reliable design

Characteristics

Series: Commander

Type: C300

Open Loop: Yes

Closed Loop: No

Permanent Magnet Motor: No

Supply voltage V	Input Phases	Type of load	Output current A	Motor power kW	4 Quadrant Operation	Braking Chopper	Degree of protection (IP)	Safe Torque Off	Article
200 - 240	1	Heavy duty	1.7	0.25	Yes	No	IP20	Yes	13610482
200 - 240	1	Heavy duty	2.4	0.37	Yes	No	IP20	Yes	13610483
200 - 240	1-3	Heavy duty	2.4	0.37	Yes	No	IP20	Yes	13610486
200 - 240	1-3	Heavy duty	3.3	0.55	Yes	No	IP20	Yes	13610487
200 - 240	1	Heavy duty	3.3	0.55	Yes	No	IP20	Yes	13610484
200 - 240	1-3	Heavy duty	4.2	0.75	Yes	No	IP20	Yes	13610488
200 - 240	1	Heavy duty	4.2	0.75	Yes	No	IP20	Yes	13610485
200 - 240	1-3	Heavy duty	5.6	1.1	Yes	No	IP20	Yes	13610489
200 - 240	1-3	Heavy duty	7.5	1.5	Yes	No	IP20	Yes	13610490
200 - 240	1-3	Heavy duty	10	2.2	Yes	No	IP20	Yes	13610491
200 - 240	1-3	Heavy duty	13.3	3	Yes	No	IP20	Yes	13610492
380 - 480	3	Heavy / Normal duty	27	11	Yes	No	IP20	Yes	13610503
380 - 480	3	Heavy / Normal duty	35	15	Yes	No	IP20	Yes	13610505
380 - 480	3	Heavy / Normal duty	42	18.5	Yes	No	IP20	Yes	13610506
380 - 480	3	Heavy / Normal duty	47	22	Yes	No	IP20	Yes	13610507
380 - 480	3	Heavy / Normal duty	66	30	Yes	No	IP20	Yes	13610508
380 - 480	3	Heavy / Normal duty	77	37	Yes	No	IP20	Yes	13610509

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Supply voltage V	Input Phases	Type of load	Output current A	Motor power kW	4 Quadrant Operation	Braking Chopper	Degree of protection (IP)	Safe Torque Off	Article
380 - 480	3	Heavy / Normal duty	100	45	Yes	No	IP20	Yes	13610510
380 - 480	3	Heavy / Normal duty	134	55	Yes	No	IP20	Yes	13610511
380 - 480	3	Heavy / Normal duty	157	75	Yes	No	IP20	Yes	13610512
380 - 480	3	Heavy / Normal duty	200	90	Yes	No	IP20	Yes	13610513
380 - 480	3	Heavy / Normal duty	224	110	Yes	No	IP20	Yes	13610519
380 - 480	3	Heavy duty	1.3	0.37	Yes	No	IP20	Yes	13610493
380 - 480	3	Heavy duty	1.8	0.55	Yes	No	IP20	Yes	13610494
380 - 480	3	Heavy duty	2.3	0.75	Yes	No	IP20	Yes	13610495
380 - 480	3	Heavy duty	3.2	1.1	Yes	No	IP20	Yes	13610496
380 - 480	3	Heavy duty	4.1	1.5	Yes	No	IP20	Yes	13610497
380 - 480	3	Heavy duty	5.6	2.2	Yes	No	IP20	Yes	13610498
380 - 480	3	Heavy duty	7.3	3	Yes	No	IP20	Yes	13610499
380 - 480	3	Heavy duty	9.4	4	Yes	No	IP20	Yes	13610500
380 - 480	3	Heavy duty	13.5	5.5	Yes	No	IP20	Yes	13610501
380 - 480	3	Heavy duty	17	7.5	Yes	No	IP20	Yes	13610502
380 - 480	3	Heavy duty	30	15	Yes	No	IP20	Yes	13610504

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