



AC15 Variable Speed Drive

Compact AC Drive for Motor Control in
General Purpose Applications
0.5 - 40 HP (0.37 - 30 kW)
Catalog HA540115



ENGINEERING YOUR SUCCESS.

 Warning!

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

- This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise.
- The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.
- To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

OFFER OF SALE

The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance by the provisions stated in the detailed 'Offer of Sale' which is available upon request.

Overview..... 5

Features..... 6

Technical Characteristics..... 8

 Power Ratings..... 8

 Electrical Characteristics..... 9

 Environmental Characteristics 9

 Standards and Compliance 9

 Dimensions [mm]..... 10

 Power Connections..... 11

 Control Connections 12

 Software 13

 Parker Drive System Explorer (DSE Lite) 13

Accessories and Options..... 14

 6901 Remote Mounting Keypad 14

 Cable Screening Bracket 14

 Braking Resistor 15

 EMC Filter 15

Order Code..... 16

Parker Hannifin

The global leader in motion and control technologies and systems

Global Partnerships Global Support

Parker is committed to helping make our customers more productive and more profitable through our global offering of motion and control products and systems. In an increasingly competitive global economy, we seek to develop customer relationships as technology partnerships. Working closely with our customers, we can ensure the best selection of technologies to suit the needs of our customers' applications.



Electromechanical Technologies for High Dynamic Performance and Precision Motion

Parker electromechanical technologies form an important part of Parker's global motion and control offering. Electromechanical systems combine high performance speed and position control with the flexibility to adapt the systems to the rapidly changing needs of the industries we serve.



Electronic Motion and Controls Division Manufacturing

Parker drive products are manufactured globally to provide our customers with quality products at a competitive price point. In addition to factory-direct support, Parker provides sales assistance and local technical support through a group of dedicated sales teams and a network of authorized systems integrators, field service engineers, and technical distributors across the globe. For contact information, please refer to the Sales Offices listed on the back cover of this document or visit www.parker.com/emc



Rohnert Park, CA

Variable Speed Drive - AC15 Series

Overview

Description

The AC15 Compact Drive is a simple to use, reliable and economical solution for every-day motor control applications that require speed or torque control in the power range of 0.37 kW to 30 kW (0.5 to 40 HP). With compact dimensions and features normally only associated with higher specification drives, including Safe Torque Off, Ethernet communications, sensorless vector mode for control of both Permanent Magnet (PMAC) and AC induction motors and a full 150 % overload for 1 minute, AC15 provides an optimized solution for OEM machine builders looking for a compact, cost-effective drive without compromising on performance.

Simplicity

AC15 is designed to reduce the time and effort required to install, setup and commission through it's easy to use integrated keypad and application macros, or the powerful DSE Lite software tool and rich function block set. Minimal wiring requirements and easily accessed terminals make AC15 quick and easy to install. Auto-tuning sensorless vector mode takes AC15 beyond simple V/Hz control allowing users requiring greater dynamic speed or torque control for their application to benefit from the drive's enhanced speed and torque accuracy.

Reliability

Proven technology and manufacturing techniques ensure AC15 has been engineered and built to deliver consistently outstanding levels of performance day in, day out, ensuring maximum uptime and productivity.

Thanks to its conformally coated PC boards, AC15 is capable of withstanding class C3 environments, allowing you to operate AC15 with the utmost confidence in more applications.



Technical Characteristics - Overview

Power Supply	220 - 240 VAC $\pm 10\%$ Single Phase 220 - 240 VAC $\pm 10\%$ Three Phase 380 - 480 VAC $\pm 10\%$ Three Phase
Input Frequency	50/60 Hz $\pm 10\%$
Power Range	0.37 - 30 kW (0.5 - 40 HP) HD
Overload	150% for 60 sec.
Output Frequency	0.5 - 590 Hz
Safe Torque Off (STO)	SIL2, PLd
Operating Temperature	0 - 40 °C (derate up to max 45°C) ¹
Altitude	0 - 1000m (derate up to 2000m)

¹ Temperature derate not available on .37kW 230V model.

Extra power when it's needed!

- 150% overload for 60 seconds to provide extra starting torque for high inertia loads

Features

AC15 Series Drive

Micro SD Card Slot

For application cloning and
firmware updates in the field

Built-in Ethernet Comms

Ethernet/IP* and Modbus TCP/
IP as standard. Access the
drive webpage or program the
drive through the popular and
intuitive DSELite configuration
tool

Built-in Display Keypad

Operate the drive and see
real time diagnostic feedback
through the backlit built-in
display

Remote Keypad Port

Connect an optional remote
6901 keypad to the RJ11 port

Built-in Safe Torque Off

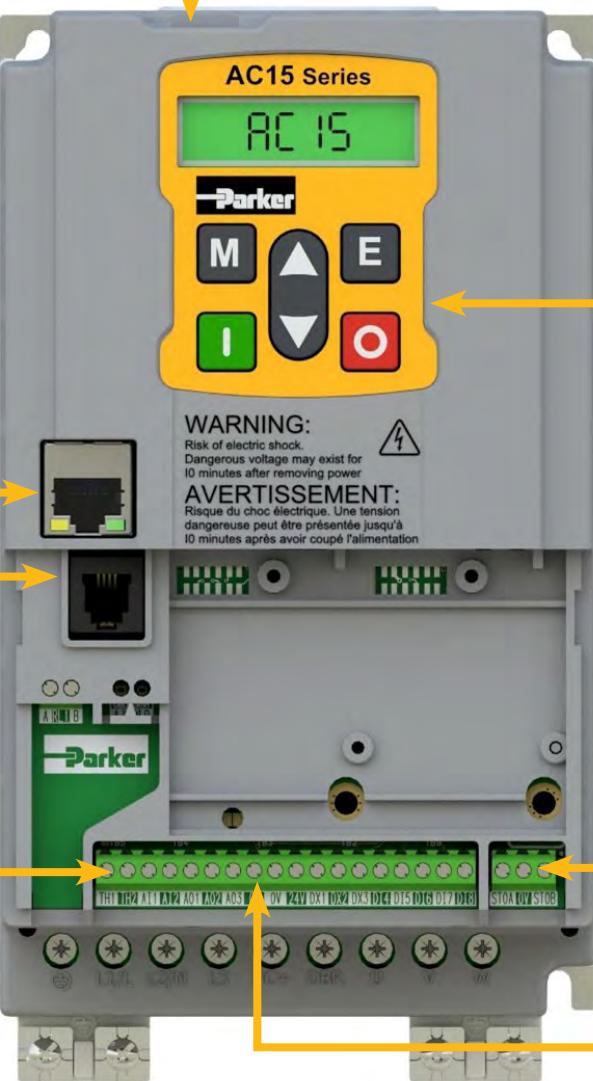
Independently certified STO
to SIL2, PLd as standard.
Complies with:
- EN ISO13849-1:2015
- EN 61800-5-2:2017
- EN 61508

Built-in Motor Thermistor Input

PTC Motor Thermistor
feedback connection as
standard

User I/O

Exceptional quantity of
configurable analog and
digital I/O for maximum
application flexibility



Standards & Compliance

The product is certified to the latest international standards:
Europe:

- Low Voltage Directive 2006/95/EC
- Electro-Magnetic Compatibility Directive 2004/108/EC
- EN61800-5-1:2007
- EN61800-3:2014+A1:2012
- IE 2 Compliant

North America & Canada:

- UL 61800-5-1
- CSA22.2 #14

*Ethernet/IP provided on
frame 2 and larger only

Applications

AC15 provides a straight-forward approach to general purpose industrial motor control applications across a wide range of industries, giving users the benefits of the inherent energy-saving properties of using a variable speed drive, as well as the improved reliability and extended service life benefits associated with smoother starting and stopping of regularly cycling loads.

Typical applications for AC15 include...

- **Conveyor**
- **Centrifuge**
- **Fans**
- **Mixers**
- **Packaging Machines**
- **Textile Machines**
- **Strapping Machines**
- **Labelling Machines**
- **Industrial Washing Machines**
- **Machine Tool Spindles**
- **Roller Doors**



Conveyors



Centrifuges



Fans



Mixers



Packaging Machines



Textile Machines

Technical Characteristics

Power Ratings

230 VAC, Single Phase Supply Voltage				
HD Power Rating [HP]	Order Code	Input Current [A]	Output Current [A]	Frame Size
0.5	15G-11-0025-BF	4.1	2.5	1*
1	15G-11-0045-BF	8.2	4.5	
2	15G-11-0070-BF	14	7	
3	15G-12-0100-BF	18	10	2

HD = Heavy Duty. Provides 150% overload current for 60 seconds.

230 VAC, Three Phase Supply Voltage				
HD Power Rating [HP]	Order Code	Input Current [A]	Output Current [A]	Frame Size
0.5	15G-31-0025-BF	2.4	2.5	1*
1	15G-31-0045-BF	4.7	4.5	
2	15G-31-0070-BF	7.9	7	
3	15G-32-0100-BF	10	10	2
5	15G-33-0170-BF	17	17	3
7.5	15G-34-0210-BF	22	21	4
10	15G-35-0300-BF	28	30	5
15	15G-35-0400-BF	39	40	

460 VAC, Three Phase Supply Voltage				
HD Power Rating [HP]	Order Code	Input Current [A]	Output Current [A]	Frame Size
0.5	15G-41-0012-BF	1.1	0.9	1*
1	15G-41-0020-BF	2.3	1.7	
2	15G-41-0040-BF	3.8	3.5	
3	15G-42-0065-BF	5.2	5.7	2
5	15G-42-0090-BF	8.1	7.8	
7.5	15G-43-0120-BF	11.3	10	3
10	15G-43-0170-BF	13.3	15	
15	15G-44-0230-BF	19	20	4
20	15G-44-0320-BF	25	28	
25	15G-45-0380-BF	30	33	5
30	15G-45-0440-BF	35	38	
40	15G-45-0600-BF	46	52	

*Ethernet/IP provided on
frame 2 and larger only

Electrical Characteristics

Power Supply	220 - 240 VAC ± 10 % Single Phase 220 - 240 VAC ± 10 % Three Phase 380 - 480 VAC ± 10 % Three Phase
Input Frequency	50/60 Hz ± 5 %
Power Range	0.5 - 40 HP HD / 0.37 - 30 kW
Overload	150% for 60 sec
Output Frequency	0.5 - 590 Hz
Max. Switching Frequency	10 kHz
Control Modes	Volts/Hertz or Sensorless Vector (SV) Mode
Supported Motors	Induction & PMAC

Environmental Characteristics

Temperature range	0-40 °C (derate up to max. 45 °C) ¹
Humidity	Up to 90 % Relative Humidity, non-condensing
Vibration	< 0.5 g
Altitude	0-1000 m (derate 1% per 100m up to max. 2000m)
Protection Degree	IP20
Pollution Degree	Category 2
Chemically Active Substances	Compliance with EN60271-3-3: C3

¹ Temperature derate not available .37kW 230V model.

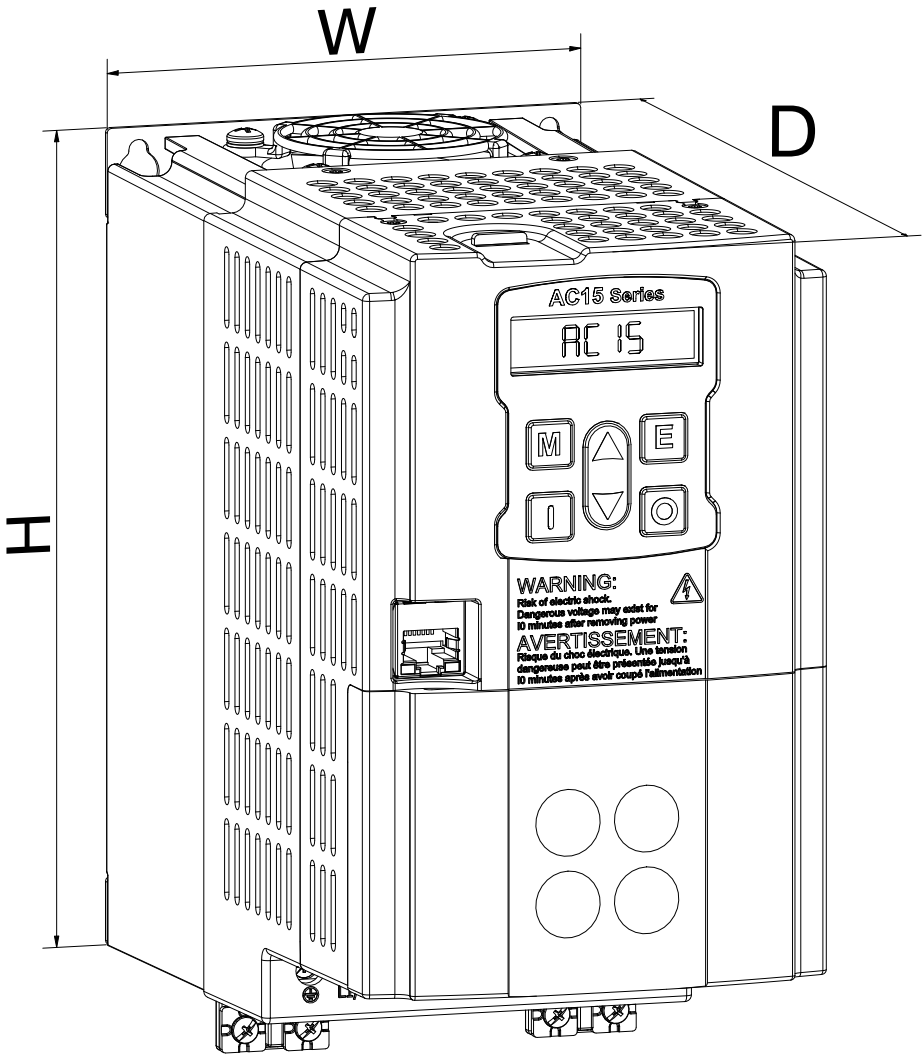
Standards and Compliance

Europe	This product conforms with: - Low Voltage Directive 2006/95/EC - Electro-Magnetic Compatibility Directive 2004/108/EC - EN61800-5-1:2007 - EN61800-3:2014+A1:2012
North America / Canada	Certified to the following standards: - UL61800-5 - CSA22.2 #14 as an open-type drive
STO	Independently certified to: - EN ISO13849-1:2015 - EN 61800-5-2:2017 - EN 61508
RoHS	This product complies with the RoHS substance restrictions in accordance with EC Directive 2011/65/EU
REACH	This product complies with the REACH regulations EC1907/2006

Dimensions

Dimensions [in/mm]

AC15 Series				
Frame	Height (H)	Width (W)	Depth (D)	Weight [lb/kg]
1	5.43/138.0	3.21/81.5	5.68/144.3	2.5/1.1
2	7.09/180.0	4.27/108.4	7.28/185.0	4.4/2.0
3	9.35/237.5	5.57/141.6	7.24/184.0	7.3/3.3
4	10.43/265.0	6.34/161.0	7.72/196.0	9.7/4.4
5	13.39/340.0	8.27/210.0	8.67/220.2	17.7/8.0



Power Connections

Frame 1

Terminal	Description
L3 / E	Supply Input phase L3 / Earth
L2 / L	Supply Input phase L2 / Live
L1 / N	Supply Input phase L1 / Neutal
DC+	Dynamic Brake Resistor connection (+)
DBR	Dynamic Brake Resistor connection (-)
U	Motor Output phase U
V	Motor Output phase V
W	Motor Output phase W

Frame 2-4

Terminal	Description
E	Earth
L1 / L	Supply Input phase L1 / Live
L2 / N	Supply Input phase L2 / Neutral
L3	Supply Input phase L3
DC+	Dynamic Brake Resistor connection (+)
DBR	Dynamic Brake Resistor connection (-)
U	Motor Output phase U
V	Motor Output phase V
W	Motor Output phase W

Frame 5

Terminal	Description
E	Earth
L1	Supply Input phase L1
L2	Supply Input phase L2
L3	Supply Input phase L3
DC+	DC+ / Dynamic Brake Resistor connection (+)
DC-	DC-
DBR	Dynamic Brake Resistor connection (-)
U	Motor Output phase U
V	Motor Output phase V
W	Motor Output phase W



Control Connections

Terminal	Label	Description
X1.1	RLY1A	RelayOutput 1 (Contact A)
X1.2	RLY1B	RelayOutput 1 (Contact B)
X2.1	TH1	Motor Thermistor Input
X2.2	TH2	Motor Thermistor Input
X3.1	AIN1	Analog Input 1 ($\pm 10V^*$, 0-10V, 0-20mA, 4-20mA)
X3.2	AIN2	Analog Input 2 ($\pm 10V^*$, 0-10V, 0-20mA, 4-20mA)
X3.3	AOUT1	Analog Output 1 (0-10V, 0-20mA)
X3.4	AOUT2	Analog Output 2 (0-10V, 0-20mA)
X3.5	AOUT3*	Analog Output 3 ($\pm 10V$, 0-10V)
X3.6	0V	0V reference for analogue & digital I/O
X4.1	0V	0V reference for analogue & digital I/O
X4.2	24V	24V user supply
X5.1	DIO1	Digital Input / Output 1 (24V configurable)
X5.2	DIO2	Digital Input / Output 2 (24V configurable)
X5.3	DIN3	Digital Input 3
X5.4	DIN4	Digital Input 4 (High speed capable)
X5.5	DIN5	Digital Input 5 (High speed capable)
X5.6	DIN6	Digital Input 6
X5.7	DIN7*	Digital Input 7
X5.8	DIN8*	Digital Input 8
X6.1	STO1	STO input channel A
X6.2	STO0V	STO 0V reference
X6.3	STO2	STO input channel B

* = Frames 2-5 only



Software

Parker Drive System Explorer (DSE Lite)

Parker drive configuration software Drive System Explorer (DSE) Lite is an easy to use drive configuration software package, designed to make programming your application as simple as possible without compromising on functionality.

DSE Lite is based around straightforward block programming and an intuitive user interface which supports user-defined configurations and offers real-time monitoring and charting. DSE Lite allows the user to create, parameterize and configure user defined applications as well as parameterize and connect fixed Motor Control blocks with up to 100 'links'

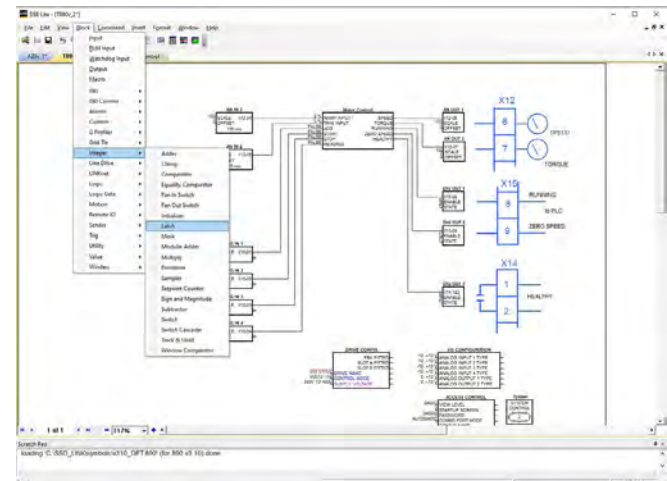
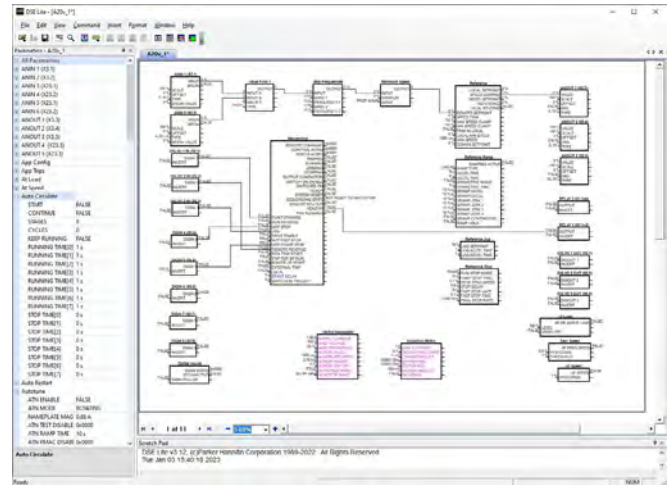
Thanks to the on-line help and pre-configured macro templates, users can achieve the optimum drive configuration without the need to navigate through complicated parameter menus.

DSE Lite for AC15 uses a standard Ethernet connection between PC and inverter, so no special cable is required.

DSE Lite is available free of charge to download here: discover.parker.com/DSElite_software

Enhanced features of the AC15 include:

- High speed Ethernet connectivity
- Network scan feature
- Drive network identification
- Firmware installs over Ethernet
- Save a project to on-board Flash memory



Accessories and Options

6901 Remote Mounting Keypad

The popular 6901 remote mounting keypad can be mounted away from the drive, such as on the door of an electrical enclosure. This interface allows users to configure, operate and monitor the drive without having to access the drive directly.

The remote keypad provides an alternative to the drive mounted keypad, offering a clear English language display and greater functionality. The remote mounting kit provides a mounting bezel and a 1.5 m cable that is plugged into the RJ11 port on the drive.



Order Code	Description
6901-00-G	6901 DisplayKeypad
6052-00-G	6901 remote mounting kit

Cable Screening Bracket

Cable Screening Brackets are available for the AC15. These brackets offer a means of grounding the power cable screen connections, as well as supporting the power cables when connected to the drive.

Order Code	Description
ASP-0039-01	AC15 Bracket Kit - Frame 1
ASP-0039-02	AC15/20 Bracket Kit - Frame 2
ASP-0039-03	AC15/20 Bracket Kit - Frame 3, 400V
ASP-0039-04	AC15/20 Bracket Kit - Frame 4, 400V
ASP-0039-05	AC15/20 Bracket Kit - Frame 5, 400V
ASP-0039-06	AC15/20 Bracket Kit - Frame 3, 230V
ASP-0039-07	AC15/20 Bracket Kit - Frame 4, 230V
ASP-0039-08	AC15/20 Bracket Kit - Frame 5, 230V



ASP-0039-01



ASP-0039-02



ASP-0039-03



ASP-0039-04



ASP-0039-05



ASP-0039-06



ASP-0039-07



ASP-0039-08

Accessories and Options

Line Protection

Line fuses and reactors offer drive protection from short circuits and supply transients. When used with the fuses mentioned here, a short circuit rating of 50,000 amps can be achieved.

230 V, Single Phase Supply Voltage				
AC15 [HP]	Frame Size	Catalog Number	Line Fuses part number	Line Reactor part number
0.5	1	15G-11-0025-BF	CS470407U010	CO540100U006
1		15G-11-0045-BF	CS470407U015	CO540100U012
2		15G-11-0070-BF	CS470407U025	CO540100U019
3	2	15G-12-0100-BF	CS470407U025	CO540100U019

230 V, Three Phase Supply Voltage				
AC15 [HP]	Frame Size	Catalog Number	Line Fuses part number	Line Reactor part number
0.5	1	15G-31-0025-BF	CS470407U005	CO540100U005
1		15G-31-0045-BF	CS470407U010	CO540100U006
2		15G-31-0070-BF	CS470407U010	CO540100U010
3	2	15G-32-0100-BF	CS470407U020	CO540100U012
5	3	15G-33-0170-BF	CS470407U025	CO540100U019
7.5	4	15G-34-0210-BF	CS470407U030	CO540100U025
10	5	15G-35-0300-BF	CS470408U050	CO540100U034
15		15G-35-0400-BF	CS470408U050	CO540100U048

460 V, Three Phase Supply Voltage				
AC15 [HP]	Frame Size	Catalog Number	Line Fuses part number	Line Reactor part number
0.5	1	15G-41-0012-BF	CS470407U005	CO540101U002
1		15G-41-0020-BF	CS470407U005	CO540101U003
2		15G-41-0040-BF	CS470407U005	CO540101U004
3	2	15G-42-0065-BF	CS470407U010	CO540101U005
5		15G-42-0090-BF	CS470407U020	CO540101U008
7.5	3	15G-43-0120-BF	CS470407U020	CO540101U011
10		15G-43-0170-BF	CS470407U030	CO540101U014
15	4	15G-44-0230-BF	CS470407U030	CO540101U030
20		15G-44-0320-BF	CS470407U040	CO540101U030
25	5	15G-45-0380-BF	CS470408U050	CO540101U030
30		15G-45-0440-BF	CS470408U050	CO540101U045
40		15G-45-0600-BF	CS470408U080	CO540101U055

Line fuses are mandatory on all sizes

Line reactors are mandatory on all sizes

Accessories and Options

Braking Resistor

During deceleration, or with an over-hauling load, the motor acts as a generator. Energy flows back from the motor into the DC link capacitors within the drive, causing their voltage to rise. If this voltage exceeds a maximum value, the drive will trip to protect the capacitors and internal power devices. The amount of energy that can be absorbed by the capacitors can vary between different applications causing the drive to trip on overvolts. To utilize the drive's onboard dynamic braking capability, high power resistor(s), connected across the DC link, allow the dissipation of this excess energy for fast stops or load braking.

230 V, Single Phase Supply Voltage

AC15 [HP]	Frame Size	Catalog Number	Braking Kit	Min ohms	Braking kit ohms	Braking kits Watts
0.5	1	15G-11-0025-BF	LA471356	80	100	100
1		15G-11-0045-BF	LA471356	80	100	100
2		15G-11-0070-BF	LA471356	80	100	100
3	2	15G-12-0100-BF	LA471356	80	100	100

230 V, Three Phase Supply Voltage

AC15 [HP]	Frame Size	Catalog Number	Braking Kit	Min ohms	Braking kit ohms	Braking kit Watts
0.5	1	15G-31-0025-BF	LA471356	80	100	100
1		15G-31-0045-BF	LA471356	80	100	100
2		15G-31-0070-BF	LA471356	80	100	100
3	2	15G-32-0100-BF	LA471356	80	100	100
5	3	15G-33-0170-BF	LA471359	30	56	500
7.5	4	15G-34-0210-BF	LA471359	30	56	500
10	5	15G-35-0300-BF	LA471362	15	25	756
15		15G-35-0400-BF	LA471362	15	25	756

460 V, Three Phase Supply Voltage

AC15 [HP]	Frame Size	Catalog Number	Braking Kit	Min ohms	Braking kit ohms	Braking kit Watts
0.5	1	15G-41-0012-BF	LA471355	145	200	100
1		15G-41-0020-BF	LA471355	145	200	100
2		15G-41-0040-BF	LA471355	95	200	100
3	2	15G-42-0065-BF	LA471357	90	100	200
5		15G-42-0090-BF	LA471357	90	100	200
7.5	3	15G-43-0120-BF	LA471357	90	100	200
10		15G-43-0170-BF	LA471357	90	100	200
15	4	15G-44-0230-BF	LA471359	50	56	500
20		15G-44-0320-BF	LA471361	30	30	750
25	5	15G-45-0380-BF	LA471361	30	30	750
30		15G-45-0440-BF	LA471361	30	30	750
40		15G-45-0600-BF	LA471362	25	25	756

All braking kits include a thermal overload with auxiliary contact.

All braking kits are rated for occasional stopping duty, not more than 6 stops per hour.

For continuous power absorption or intermittent duty braking, consult factory.

EMC Filter

AC15 are supplied as standard with an EMC filter that meets the requirements of a class C3 environment. For class C2 or C1 environments, an additional external filter may be required. An internal wire link may be easily removed to disconnect the Y capacitors for those installations where earth currents are undesirable.

Order Code

AC15

	1		2	3		4		5	6
Order example	15G	-	1	1	-	0025	-	B	F

1	Device Family
15G	AC15 Series, General Purpose AC Drive
2	Voltage
1	230 V Single Phase
3	230 V Three Phase
4	480 V Three Phase
3&4	Frame Size & Current Rating (Heavy Duty)
	230Vac, Single Phase Supply Voltage
1 0025	Frame 1 - 2.5A (0.5HP)
1 0045	Frame 1 - 4.5A (1HP)
1 0070	Frame 1 - 7A (2HP)
2 0100	Frame 2 - 10A (3HP)
	230Vac, Three Phase Supply Voltage
1 0025	Frame 1 - 2.5A (0.5HP)
1 0045	Frame 1 - 4.5A (1HP)
1 0070	Frame 1 - 7A (2HP)
2 0100	Frame 2 - 10A (3HP)
3 0170	Frame 3 - 17A (5HP)
4 0210	Frame 4 - 21A (7.5HP)
5 0300	Frame 5 - 30A (10HP)
6 0400	Frame 5 - 40A (15HP)
	480Vac, Three Phase Supply Voltage
1 0012	Frame 1 - 0.9A (.05HP)
1 0020	Frame 1 - 1.7A (1HP)
1 0040	Frame 1 - 3.5A (2HP)
2 0065	Frame 2 - 5.7A (3HP)
2 0090	Frame 2 - 7.8A (5HP)
3 0120	Frame 3 - 10A (7.5HP)
3 0170	Frame 3 - 15A (10HP)
4 0230	Frame 4 - 20A (15HP)
4 0320	Frame 4 - 28A (20HP)
5 1380	Frame 5 - 33A (25HP)
5 1440	Frame 5 - 38A (30HP)
5 1600	Frame 5 - 52A (40HP)
5	Brake Switch
B	Brake Switch Fitted
6	EMC Filter
F	Category C3 Filtered

Parker Worldwide

AE – UAE, Dubai

Tel: +971 4 8127100
parker.me@parker.com

AR – Argentina, Buenos Aires

Tel: +54 3327 44 4129

AT – Austria, Wiener Neustadt

Tel: +43 (0)2622 23501-0
parker.austria@parker.com

AT – Eastern Europe, Wiener Neustadt

Tel: +43 (0)2622 23501 900
parker.easteurope@parker.com

AU – Australia, Castle Hill

Tel: +61 (0)2-9634 7777

AZ – Azerbaijan, Baku

Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles

Tel: +32 (0)67 280 900
parker.belgium@parker.com

BR – Brazil, Cachoeirinha RS

Tel: +55 51 3470 9144

BY – Belarus, Minsk

Tel: +375 17 209 9399
parker.belarus@parker.com

CA – Canada, Milton, Ontario

Tel: +1 905 693 3000

CH – Switzerland, Etoy

Tel: +41 (0)21 821 87 00
parker.switzerland@parker.com

CL – Chile, Santiago

Tel: +56 2 623 1216

CN – China, Shanghai

Tel: +86 21 2899 5000

CZ – Czech Republic, Klecany

Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst

Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup

Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid

Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa

Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve

Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Athens

Tel: +30 210 933 6450
parker.greece@parker.com

HK – Hong Kong

Tel: +852 2428 8008

HU – Hungary, Budapest

Tel: +36 1 220 4155
parker.hungary@parker.com

IE – Ireland, Dublin

Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IN – India, Mumbai

Tel: +91 022 4124 2500
reception.india@parker.com

IT – Italy, Corsico (MI)

Tel: +39 02 45 19 21
parker.italy@parker.com

JP – Japan, Tokyo

Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul

Tel: +82 2 559 0400

KZ – Kazakhstan, Almaty

Tel: +7 7272 505 800
parker.easteurope@parker.com

LV – Latvia, Riga

Tel: +371 6 745 2601
parker.latvia@parker.com

MX – Mexico, Apodaca

Tel: +52 81 8156 6000

MY – Malaysia, Shah Alam

Tel: +60 3 7849 0800

NL – The Netherlands, Oldenzaal

Tel: +31 (0)541 585 000
parker.nl@parker.com

NO – Norway, Ski

Tel: +47 64 91 10 00
parker.norway@parker.com

NZ – New Zealand, Mt Wellington

Tel: +64 9 574 1744

PL – Poland, Warsaw

Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal, Leca da Palmeira

Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest

Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow

Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Spånga

Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SG – Singapore

Tel: +65 6887 6300

SK – Slovakia, Banská Bystrica

Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto

Tel: +386 7 337 6650
parker.slovenia@parker.com

TH – Thailand, Bangkok

Tel: +662 717 8140

TR – Turkey, Istanbul

Tel: +90 216 4997081
parker.turkey@parker.com

TW – Taiwan, Taipei

Tel: +886 2 2298 8987

UA – Ukraine, Kiev

Tel: +380 44 494 2731
parker.ukraine@parker.com

UK – United Kingdom, Warwick

Tel: +44 (0)1926 317 878
parker.uk@parker.com

US – USA, Cleveland

Tel: +1 216 896 3000

VE – Venezuela, Caracas

Tel: +58 212 238 5422

ZA – South Africa, Kempton Park

Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

