Product Catalogue
DC Drives
## SECTION 1 - DC DRIVES

<table>
<thead>
<tr>
<th>DC PRODUCT SELECTOR</th>
<th>0</th>
<th>20A</th>
<th>40A</th>
<th>300A</th>
<th>500A</th>
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<tbody>
<tr>
<td>DC590+ Integrator Series</td>
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<tr>
<td>DRV Series</td>
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<td>Low Cost Motor Control With Tacho or Voltage Feedback</td>
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</table>

### Training

Parker’s best-in-class technology training includes hands-on classes, Web-based training, and comprehensive texts for employees, distributors, and customers. Parker also provides computer based training, PowerPoint presentations, exams, drafting and simulation software, and trainer stands.

**www.parker.com**

Industry’s most comprehensive web site is your single source for:

- Product information
- Downloadable catalogs
- 3D design files
- Training materials
- Product configuration software
- RFQ capabilities

### 24/7 Emergency Breakdown Referrals

The Parker product information centre is available any time of the day or night at 0800 C PARKER H in Europe. Our operators will connect you with a live, on-call representative who will identify replacement parts or services for all motion technologies.
DC590+ Integrator Series
1 to 2700 Amps

The Integrator Series is a single family of both AC drives (AG690+) and DC drives (DC590+) that provides the benefits of common programming, set-up and communications across both technologies. The DC590+ Integrator series highly advanced DC drive meets the demands of the most complex motor control applications. Extensive application software (including winder control as standard) together with Function Block Programming and configurable I/O creates a total drive system in a single module.

TECHNICAL SPECIFICATION

Power Configuration
590+ Four Quadrant Regenerative; 2 Fully Controlled Three Phase Thyristor Bridges
591+ Two Quadrant Non-Regenerative; 1 Fully Controlled Three Phase Thyristor Bridge
Thyristor Controlled Variable Field Supply

Armature Current Ratings (Adc)

<table>
<thead>
<tr>
<th>Frame Sizes</th>
<th>Armature Current Rating (Adc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame 1</td>
<td>15, 37A</td>
</tr>
<tr>
<td>Frame 2</td>
<td>48, 70, 115, 165A</td>
</tr>
<tr>
<td>Frame 3</td>
<td>180, 270A</td>
</tr>
<tr>
<td>Frame 4</td>
<td>280, 350, 715, 830A</td>
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<tr>
<td>Frame 5</td>
<td>1580A</td>
</tr>
<tr>
<td>Frame 6</td>
<td>1280, 1680, 1950</td>
</tr>
<tr>
<td>Frame H</td>
<td>1200, 1700, 2030, 2700A</td>
</tr>
</tbody>
</table>

Overload
15-450A, 200% for 10 seconds 150% for 30 seconds x700A; Various overload options available

Armature Voltage
Varmature/Vac x 1.15
AC Supply Voltage (Vac) 50/60Hz
220-500V [±10%] Frame 1-6
110-220V [±10%] option Frame 1-5
500-600V [±10%] option Frame 4-6
500-600V [±10%] Frame 6, H

Field Current
4A Frame 1
10A Frame 2 and 3
60A Frame 6, H

Field Voltage
Vf/Id/Vac x 0.82

Ambient
Temperature 0-40°C (±1200A ratings)
0-45°C (±165A ratings) Derate 15%/°C for higher ambient temperatures
0-35°C (±2700A ratings) to 55°C max

Altitude
500m ASL Derate 1%/°C above 500m to 5000m max

Protection
High Energy MOV’s
Instantaneous Overcurrent
Inverse Time Overcurrent
Field Failure
Speed Feedback Failure
Motor Overtemperature

Input/Outputs
Analog Inputs (5 Total - 1 x 12 bit plus sign, 4 x 10 bit plus sign)
1 - Speed Demand Setpoint (-10V/+10V)
4 - Configurable

Analog Outputs (3 Total - 10 bit)
1 - Armature Current Output (-10V/+10V or 0-10V)
2 - Configurable

Digital Inputs (9 Total - 24V, max 15mA)
1 - Program Stop
1 - Coast Stop
1 - External Trip
5 - Configurable

Digital Outputs (3 Total - 24V(max 20V) 100mA)
3 - Configurable

Reference Supplies
1 - 10V DC
1 - 24V DC

DRV Version available Frame 1 and 2

Options

Programming/Control Module
6901
Remote mounting bezel and 3m lead
6952

Communication Options

 PROFIBUS Technology Box
6055/IN06
MODBUS/RS232/RS485 Technology Box
6055/S00
DIN Rail Technology Box
6055/M00
Dominant Technology Box
6055/D00

Communication switchable connection board
AD9837/08/09/10
Microtach feedback board - plus
AD99823/00

AC Line Reactors (Integral type)
15A rating
CO464490033
35 and 40A rating
CO464490008
75A rating
CO464490007
110A rating
CO464490006
165A rating
CO464490015
60A rating
CO464490014
10A rating
CO464490012

AC Line Reactors (for use with UK filters)
2200A (690V) rating
CO046670U027
1700A (690V) rating
CO046670U017
1580A rating
CO466670U083
2500A (1000V) rating
CO466670U027
2200A (1000V) rating
CO466670U026
830A		CO466670U083
70A rating	CO466649U070
15A rating	CO466649U015

AC line contactor
AC line fuses
DC fuse (regenerative versions)
Motor/fault signals
Motor blower starter

The 590+ series meets the following standards when installed in accordance with the relevant product manuals:

• Conforms to EN50178 (safety, low voltage directive) EN61800-3 (EMC compliance) with integral filters (590+ up to 110A require external supply capacitors for compliance)

• Listed to US and CE listed to Canadian safety standards

STANDARDS

The 590+ series meets the following standards when installed in accordance with the relevant product manuals:

• Conforms to EN50178 (safety, low voltage directive) EN61800-3 (EMC compliance) with integral filters (590+ up to 110A require external supply capacitors for compliance)

• Listed to US and CE listed to Canadian safety standards
DC DRIVES

506/507/508
Up to 12 Amps

The 506, 507 and 508 series drives break new ground in value for money DC motor control. Available in 3, 6 or 12A armature ratings, the feature packed minimum footprint design is ideal for speed or torque control of permanent magnet or shunt wound DC motors from single phase supplies.

TECHNICAL SPECIFICATION

Power Supply – 110-120V, or 220-240V ±10% single phase 50-60Hz ±5%
Ambient – 0-45°C, up to 1000m ASL without derating

FEATURES

User Facilities
IP20 Protected covers
DIN rail mounting
Torque and speed control
3A DC field output
Internal 15 second stall detect
Internal electronic overcurrent protection
Zero speed and drive healthy signal
Main and trim setpoint input
Independent acceleration and deceleration ramps
LED diagnostics

Potentiometer Adjustments
Maximum speed
Minimum speed
Current limit
Speed stability
Deceleration ramp (1-15 seconds)
Acceleration ramp (1-15 seconds)
IR compensation

Switch Selectable Features
Supply voltage 110/120V or 220/240V
Tachogenerator/armature voltage feedback
Speed calibration
Current calibration

Options
LA050061 506 Fuse Kit
LA050062 507 Fuse Kit
LA050063 Potentiometer Kit

Dimensions

Type A B C Weight (Kg)
506 80 105 140 0.99
507 80 105 140 0.99
508 90 105 140 0.70

Standards

Compliant EN 61800-3 (EMC compliance) with external filter
EN50178 (safety, low voltage directive)
Marked to US and Canadian safety standards

512C
Up to 32 Amps

Isolated control circuitry, a host of user facilities and extremely linear control loop make the 512C ideal for single motor or multi drive low power applications. Designed for use on single phase supplies, the 512C is suitable for controlling permanent magnet or wound field DC motors in speed or torque control.

TECHNICAL SPECIFICATION

Power Supply – 110-115V, 220-240V or 380-415V ±10%
user selectable, single phase 50-60Hz ±5%
Ambient – 0-45°C, up to 1000m ASL without derating
Overload – 150% for 60 seconds

FEATURES

User Facilities
Link selection of AC supply voltage
Torque or speed control
3A DC field output
Power on overcurrent and stall detect LEDs
MOV transient suppression
Buffered speed output (10V, 10mA)
Buffered current output (7.5V, 10mA)
Buffered ramp output (master/slave)
10V DC reference supply (10mA)
Total setpoint off
Health output
Zero speed/zero setpoint output

Potentiometer Adjustments
Maximum speed
Minimum speed
Current limit
Acceleration ramp (1-80 seconds)
Deceleration ramp (1-80 seconds)
IR compensation
Speed stability

Options

Product No. Type Descriptions
LA057605U012 512C/040 Single Phase Fuse Kit
LA057605U016 512C/080 Single Phase Fuse Kit
LA057605U032 512C/160 Single Phase Fuse Kit
LA057605U050 512C/320 Single Phase Fuse Kit
LA050063 Potentiometer Kit

Dimensions

Type A B C D E Weight (Kg)
512C/040 140 248 123 140 310 3.9
512C/080 140 248 123 140 310 3.9
512C/160 140 248 123 140 310 3.9
512C/320 140 248 123 140 310 3.9

Standards

CE marked and EMC Compliant
Multi input speed and current setpoints
Zero speed and health output
Extremely linear control loops

Low cost/high feature design
Compact minimal footprint construction
IP20 Protected covers
DIN rail mounting
Switch selectable 110V or 230V supply
Switch selectable tacho or armature voltage feedback

Contact us for full details and prices.

Tel: +44 (0) 1903 737000 Fax: +44 (0) 1903 737100 www.ssddrives.com
**514C**

**Up to 32 Amps**

The regenerative 514C DC thyristor drive offers full four quadrant control of DC motors from single phase supplies. As such it is ideal for applications involving overhauling loads or where rapid and accurate deceleration is required. Together with the non-regenerative 512C they offer the perfect solution for lower power single motor and multi-drive applications.

**TECHNICAL SPECIFICATION**

**Power Supply** — Main supply; 110-500V ±10% user selectable. Auxiliary supply; 110/120 or 220/240V ±10% user selectable. Single phase 50-60Hz ±9%

**Ambient** — 0-40°C, up to 1000m ASL without derating

**Overload** — 150% for 60 seconds

**FEATURES**

**User Facilities**

Four quadrant regenerative control
Separate AC auxiliary supply
AC supply contactor logic
Torque or speed control
Buffered speed output (10V, 10mA)
Buffered ramp output (10V, 10mA)
Buffered total setpoint output (10V, 10mA)

Buffered current output (10V, 10mA)
Buffered voltage output (10V, 10mA)
Buffered speed output (10V, 10mA)
Buffered ramp output (10V, 10mA)
Buffered total setpoint output (10V, 10mA)

Three setpoint inputs
Torque limit input
+10V and -10V analogue reference supplies
+24V digital reference supply
Health output
Zero speed/zero setpoint output

**Potentiometer Adjustments**

Maximum speed
Current limit
Acceleration ramp (0-40 seconds)
Deceleration ramp (0-40 seconds)
IR compensation
Speed loop gain — proportional

Buffered speed output (10V, 10mA)
Buffered ramp output (10V, 10mA)
+24V digital reference supply

Speed loop gain — integral
Current gain — proportional
Current gain — integral
Zero speed offset
Zero speed threshold

**Armature Voltage Feedback Unit 5590**

This unit provides a means of isolating and attenuating motor armature voltage to levels compatible with drive input signals to give cost effective voltage feedback. It is designed specifically for use with the 590A analogue drives.

**Nominal Supply Voltage Vac**

<table>
<thead>
<tr>
<th>Voltage Vac</th>
<th>Armature Voltage Vac</th>
<th>Field Voltage Vac</th>
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<tbody>
<tr>
<td>110</td>
<td>90</td>
<td>100</td>
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<tr>
<td>240</td>
<td>180</td>
<td>210</td>
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<tr>
<td>415-500</td>
<td>320</td>
<td>360</td>
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**Options**

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Type</th>
<th>Descriptions</th>
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<tbody>
<tr>
<td>LA057605U012</td>
<td>514C/04</td>
<td>Single Phase Fuse Kit</td>
</tr>
<tr>
<td>LA057605U016</td>
<td>514C/08</td>
<td>Single Phase Fuse Kit</td>
</tr>
<tr>
<td>LA057605U032</td>
<td>514C/16</td>
<td>Single Phase Fuse Kit</td>
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<tr>
<td>LA057605U050</td>
<td>514C/32</td>
<td>Single Phase Fuse Kit</td>
</tr>
<tr>
<td>LA50063</td>
<td></td>
<td>Potentiometer Kit</td>
</tr>
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</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>Weight (kg)</th>
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<tbody>
<tr>
<td>514C/04, 08</td>
<td>140</td>
<td>240</td>
<td>90</td>
<td>148</td>
<td>210</td>
<td>1.6</td>
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<tr>
<td>514C/16, 32</td>
<td>140</td>
<td>240</td>
<td>130</td>
<td>148</td>
<td>210</td>
<td>3.0</td>
</tr>
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</table>

**STANDARDS**

CE marked
EN61800-3 (EMC compliance) with external filter
EN50178 (safety, low voltage directive)
LINK 2 – Fibre Optic Based Drive and Process Control System

LINK 2 is an ultra high speed distributed drive control system. It enables all machine control elements including drive elements, operator controls and variable speed drives to be networked together to provide integrated machine control of unrivalled flexibility.

Communication speeds of 2.7Mbaud allows LINK 2 to operate a real time event driven deterministic network. Each control element of the machine or process is interconnected on a single noise immune fibre optic, which replaces the myriad of control wires traditionally associated with multiple drive systems. Typically savings of 50% in site cabling time and cost are possible with LINK 2 compared to a standard wired system.

Each LINK 2 system may comprise any combination of Parker SSD Drives sensors and closed loop AC drives (690+ and 605 series) or DC drives (590+ series). Digital and analogue plant equipment can be interfaced onto the network via local or distributed I/O modules and a variety of gateway devices allow seamless integration with PC based control and monitoring packages.

The major component parts of a LINK 2 control system are described below. There are however many other interface and peripheral components available that help make LINK 2 the world’s most flexible control system, so please contact your nearest Parker SSD Drives sales outlet to discuss your application in detail.

**LS300 LinkBack**
This high speed intelligent controller forms the heart of a LINK 2 system. There are 4 slots that accommodate any of the plug-in modules below in addition to the main processor and power supply (single phase BS-240Vac). The LS300 has been designed for DIN Rail or direct panel mounting.

**Operator Station**
The LS392 is a touch-sensitive LCD colour operator station with provision (in the rear of the unit) for 4 option module slots. The multi page operator screens are software configurable into 6 bands each providing any combination of the following.
- Operator pushbuttons, each independently configurable.
- Potentiometers, displaying and setting setpoint and feedback variables.
- Indicators, displaying variables only.
- Machine status and alarm indicators.

**LS331 Digital I/O Module**
16 x 24V channel digital input/output module. Each channel can be independently configured as an input or output. All terminals are plug-in and easily accessed on the front of the module and have LED indication of the “ON” state. A high speed counter for encoder or other pulse inputs is available.

**LS341 Analogue I/O Module**
8 x Input and 2 x Output analogue module. Each channel is a bipolar with 16 bit (13 bit + sign) resolution. +10V and -10V power supply outputs are provided for use with external devices including potentiometers and transducers. All terminals are disconnectable plug-in type.

**LS351 DeviceNet Plug-in Module**
Enables LINK 2 to be interfaced to a DeviceNet based system.

**LS352 Profinet Plug-in Module**
Enables LINK 2 to be interfaced into a Profinet based system.

**LS321 Serial Link/Modbus Plug-in Module**
Enables LINK 2 to be interfaced to Modbus or other serial protocol systems.

**LS311 RTN Fibre Optic Plug-in Module**
Provides input and output connections for the acyrlic fibre optic link.

**LS201 Remote Analogue I/O Module**
Remote module providing 5 x analogue inputs and 1 x analogue output plus fibre optic interface. Particularly useful for distributed control around the machine or process.

**LS202 Remote Digital I/O Unit**
Remote module providing 12 x independently configurable 24V digital inputs or outputs plus fibre optic interface. Particularly useful for distributed control around the machine or process.

**LS510 Universal Gateway**
Universal gateway to additional bus standards including Data Highway, Ethernet and VME.

**DRIVE SYSTEM DESIGNER**
- **Revolutionary System Design Software**
  Drive System Designer (“DSS”) is like no other drive software. It actually designs the drive control system for you! You simply enter basic data on your process (line speed, web tension etc) and identify the function of each drive (unwind, nip etc) and SSD does the rest by selecting and configuring all the LINK 2 hardware and software. Full details on this unique software package are on page 64.
Feedback Devices

Microtach Type 5901
An infrared glass fibre version of the microtach offering much greater transmission distances.

**INTERNATIONAL “ST” SYSTEM CONNECTOR**
**FIXING FLANGE COMPATIBLE WITH A CONVENTIONAL TACHOGENERATOR (E.G. REO444R)**

**STANDARD 1000 PULSES PER REVOLUTION, OTHER COUNT RATES TO SPECIAL ORDER**

<table>
<thead>
<tr>
<th>Technical Specification</th>
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<tbody>
<tr>
<td>Power Supply Voltage</td>
</tr>
<tr>
<td>Power Requirement</td>
</tr>
<tr>
<td>Weight including connector</td>
</tr>
<tr>
<td>Maximum Speed 500ppr</td>
</tr>
<tr>
<td>Operating Temperature</td>
</tr>
<tr>
<td>Protection</td>
</tr>
<tr>
<td>Humidity</td>
</tr>
</tbody>
</table>

Microtach 5900 [Europe] 5901/5

**Standard wire-ended encoder**
Complementing the microtach this encoder offers the option of a traditional wired feedback device housed in a robust aircraft case with antimagnetic stainless steel shaft.

**Plastic fibreoptic cable**
Fibreoptic 1mm O/D polymer cored cable ideally suited to industrial applications. Available as a single cored cable or composite (sheathed with two power conductors) in fixed reel sizes.

**Microtach Type 5701**
The 5701 microtach complements high performance drives and allows ultra high accuracy speed holding. The fibreoptic technology provides a noise free link in an electrically noisy environment.

**Standard encoder disk of 1000 or 500 lines, other count rates to special order**

**Flange fixing dimensions compatible with a conventional tachogenerator (E.G. REO444R)**

**Repeater unit available for transmission distances above 40m**

**A RANGE OF SPLITTERS AND SIGNAL CODING/DECODING MODULES TO SUIT ALL REQUIREMENTS**

**Technical Specification**

| Power Supply Voltage | 11.5 to 40 VDC polarity independent |
|----------------------|
| Power Supply Current | 40mA at 24V |
| Weight including connector | 0.11kg |
| Maximum Speed 500ppr | 4000rpm |
| Operating Temperature | 50°C |
| Protection            | IP44 |
| Humidity              | Up to 98% non condensing |

Microtach 5900 [Europe] 5701/5

**Microtach Type 5701**
The 5701 microtach complements high performance drives and allows ultra high accuracy speed holding. The fibreoptic technology provides a noise free link in an electrically noisy environment.

**Standard encoder disk of 1000 or 500 lines, other count rates to special order**

**Flange fixing dimensions compatible with a conventional tachogenerator (E.G. REO444R)**

**Repeater unit available for transmission distances above 40m**

**A RANGE OF SPLITTERS AND SIGNAL CODING/DECODING MODULES TO SUIT ALL REQUIREMENTS**

**Technical Specification**

| Power Supply Voltage | 11.5 to 40 VDC polarity independent |
|----------------------|
| Power Supply Current | 40mA at 24V |
| Weight including connector | 0.11kg |
| Maximum Speed 500ppr | 4000rpm |
| Operating Temperature | 50°C |
| Protection            | IP44 |
| Humidity              | Up to 98% non condensing |

Microtach 5900 [Europe] 5701/5

**Plastic fibreoptic cable**
Fibreoptic 1mm O/D polymer cored cable ideally suited to industrial applications. Available as a single cored cable or composite (sheathed with two power conductors) in fixed reel sizes.

**Dynamic Braking**
During deceleration, or with an over hanging 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 overvols. To increase the drive’s dynamic braking capability, high power resistor(s), connected across the DC link, allow the dissipation of this excess energy for a short term stopping or braking.

**Brake selector option**
Brake resistor assemblies must be rated to absorb both peak braking power during deceleration and the average power over the complete cycle.

**Technical Specification**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>C2283976</th>
<th>C2463046</th>
<th>C2899553</th>
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<tbody>
<tr>
<td>Resistance</td>
<td>36 Ohms</td>
<td>54 Ohms</td>
<td>100 Ohms</td>
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<tr>
<td>Max Voltage</td>
<td>500W</td>
<td>200W</td>
<td>100W</td>
</tr>
<tr>
<td>2 Second Rating</td>
<td>5000W</td>
<td>5000W</td>
<td>5000W</td>
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<tr>
<td>3 Second Rating</td>
<td>8333W</td>
<td>8333W</td>
<td>8333W</td>
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<tr>
<td>Max Wattage</td>
<td>500W</td>
<td>200W</td>
<td>100W</td>
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**Brake Resistors and Fuses**

**590+ DRV AC Supply Fuses and DC Armature Fuses**
(Excluded within drive module)

<table>
<thead>
<tr>
<th>Rating (A)</th>
<th>AC Supply Fuse (A)</th>
<th>DC Fuse Part Number (A)</th>
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<tbody>
<tr>
<td>15</td>
<td>40</td>
<td>C59060840</td>
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<tr>
<td>240</td>
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**590+ DRV and 590+ Field Supply Fuses**

<table>
<thead>
<tr>
<th>Field Supply (V)</th>
<th>Rating (A)</th>
<th>AC Supply Fuse (A)</th>
<th>DC Fuse Part Number (A)</th>
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<tr>
<td>500</td>
<td>20</td>
<td>C218010004</td>
<td>C59060840</td>
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<td>100</td>
<td>20</td>
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<tr>
<td>150</td>
<td>20</td>
<td>C218010004</td>
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**506.7, 512, 514 AC Supply Fuses**

<table>
<thead>
<tr>
<th>Drive Product</th>
<th>Rating (A)</th>
<th>AC Supply Fuse (A)</th>
<th>DC Fuse Part Number (A)</th>
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<tbody>
<tr>
<td>S31C14AC 4A</td>
<td>14</td>
<td>C59010004</td>
<td>C59060840</td>
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<td>S31C14AC 6A</td>
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<td>S31C14AC 8A</td>
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<td>S31C14AC 10A</td>
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**Fuses Holders**

<table>
<thead>
<tr>
<th>Mounting Style</th>
<th>Fuses per Holder</th>
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<tbody>
<tr>
<td>DIN Rail</td>
<td>12</td>
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<tr>
<td>Panel</td>
<td>12</td>
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<tr>
<td>3200</td>
<td>10</td>
</tr>
<tr>
<td>4200</td>
<td>10</td>
</tr>
</tbody>
</table>

**Technical Specification**

| Power Supply Voltage | 12.5 to 40V DC polarity independent |
|----------------------|
| Weight including connector | 0.11kg |
| Maximum Speed 500ppr | 4000rpm |
| Operating Temperature | 50°C |
| Protection            | IP44 |
| Humidity              | Up to 98% non condensing |

Microtach 5900 [Europe] 5911/5
EMC Filters and Chokes

A range of custom designed optional EMC (ElectroMagnetic Compatibility) filters and line chokes are available for use with the Parker SSD Drives product range. These have been designed to provide cost effective and easily implemented solutions for a variety of standard installations as well as less common requirements such as unusually long cable runs, 500V AC applications and non-earth referenced supplies. All Parker SSD Drives product have been designed to facilitate compliance with EMC Standard BS EN 61800-3:1997 (Incorporating Amendment No.1) - “Adjustable speed electrical power drive systems - Part 3”. When installed in accordance with the relevant manual most products comply without the need for any external EMC filters. The table below summarises compliance to the standard for each product.

<table>
<thead>
<tr>
<th>Product</th>
<th>Environment 2 (Industrial)</th>
<th>Environment 1 (Domestic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC Drives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>550,507,308</td>
<td>Ext FP Filter C0249115</td>
<td>Ext FP Filter C0239115</td>
</tr>
<tr>
<td>52EC, 544N</td>
<td>Ext FP Filter C0239113</td>
<td>Ext FP Filter C0239113</td>
</tr>
<tr>
<td>4,8,14A</td>
<td>Ext FP Filter C0239114</td>
<td>Ext FP Filter C0239114</td>
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<tr>
<td>2SA</td>
<td>Ext FP Filter C0239114</td>
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</tbody>
</table>

$50+

Frame 1 - 5A
Standard with input capacitors fitted
Ext Filter C02478440016
Frame 2 - 10A
Standard with input capacitors fitted
Ext Filter C02478440016
Frame 3 - 20A
Standard with input capacitors fitted
Ext Filter C02478440016
Frame 4 - 370A
Standard with input capacitors fitted
Ext Filter C02478404014
Frame 4, 5, 6, H
Standard
Ext Filter C02478404014
Parker SSD Drives

A range of filter terminal covers is available for direct wall mounted filters.

Configuration Lite+

ConfigEd Lite+ "Windows" based drive programming software greatly simplifies Configuration, Parameterisation, Monitoring and Diagnostics of both AC and DC drives from a single package. On start-up, a tutorial style drive set-up menu leads the user a step at a time through a structured commissioning procedure. This ensures that the drive performance is maximised in the shortest time possible without having to navigate through non-applicable parameters or menus. Once running any parameter can be monitored or assigned to one of the 4 auto-scaling chart recorder channels. To simplify monitoring the user can also assign any parameter to a personal customised list or view only those parameters whose values differ from the factory default settings.

Both AC and DC drives comprise over one hundred control software function blocks that can be fully interconnected graphically using ConfigEd Lite+. Available function blocks include Maths Functions, Logic Functions, Timers, Comparators and Counters as well as process functions such as Winders and PID control. The drives are dispatched with the function blocks pre-configured as a standard drive so you can operate it straight from the box. Alternatively pick one of the ready-programmed Applications or enjoy the full drive flexibility by interconnecting the blocks to create your own control strategy.

Input and Output Chokes for AC Drives

This range of optional AC Input and Output chokes provide additional inductance on the supply side (input) or motor side (output) of the drive.

An input choke may be used to reduce the harmonic content of the supply and provide greater protection against mains borne transients.

An output choke can maintain the radiated EMC emissions levels over motor cable lengths greater than those specified. The extra inductance provided by the output choke can also provide protection against nuisance drive tripping with unusually long cable runs.

DSD - Drive System Designer

In its standard form DSD – Drive System Designer – is an intuitive, easy to use configuration, set-up and monitor software package that can be used with any of the powerful LINK AC and DC drives. DSD makes light work of even the most sophisticated multi-drive systems by enabling the multitude of LINK software function blocks to be configured using standard click and drag operations. DSD is completely graphical and self-documenting.

But DSD can go far beyond a configuration tool – the optional "Autoconfigure" function turns DSD into the worlds most advanced drive design software. It allows the user to design complete multi drive systems in minutes, designs that previously would have taken days of expert engineering and debugging time. From a standard single line diagram of the machine or process the user simply enters basic parameters (line speed, web tension etc) and functions (winder, nip drive etc) – the software does the rest. Literally hundreds of man-years of drive system expertise are built into DSD – and ready for you to take immediate advantage of.
Parker’s Motion & Control Technologies

At Parker, we’re guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. Whatever the motion or control technology need, Parker has the experience, breadth of product and global reach to consistently deliver. No company knows more about motion and control technology than Parker. For further information call 00800 27 27 5374.

NOTES:

Tel: 01903 737000 Fax: 01903 737100 www.ssddrives.com