

SLE 14KW to 44KW



SPRINT ELECTRIC

data

PRODUCT SPECIFICATIONS

SLE 2 QUADRANT DRIVE

specifically designed at a cost and size to benefit today's OEMs, and yet without any compromise in specification, reliability or performance.

The low cost SLE drive is the perfect complement to Sprint's PL/X range of digital dc drives, and offers OEMs and machine builders a value for money alternative for simple drive applications that do not require the sophistication and multiple software blocks of the PL/X range.

Available in four models from 14KW to 44KW, the SLE is ideally suited to those applications where field weakening is not required. Its compact footprint (290mm x 215mm) enables additional savings and ensures easy integration within new designs or trouble free installation when retrofitting.

Key Features include:

FOUR MODELS:

14KW
24KW
34KW
44KW

Torque control input for basic winding or tension control, with overspeed limiting

Numerous Alarms for enhanced drive and motor protection

DIMENSIONS

290 x 215 x 155 mm, 11.5" x 8.5" x 6.1"

USER ADJUSTABLE:

Acceleration
Deceleration
Max motor speed
Min motor speed
Max motor current
IR compensation
Stability
Jog speed

Isolated control electronics for easy connection to other drives/equipment.

Enhanced armature voltage range reduces motor cost

Configurable field bridge for easy motor field voltage matching

Extremely compact size, saves panel space and makes for easy retrofitting

Zero reference interlock facility ideal for extruder applications

Start / Run & Ref inputs for simple control.

8 additional analogue I/O for more complex systems

150% overload for 30 secs

Tacho or AVF feedback

Rating table

| MODEL | MAX CONTINUOUS ARMATURE CURRENT | NOMINAL POWER @ 460 VDC | AC SUPPLY RANGE @ 415 VAC | TYPICAL ARMATURE VOLTAGE |
|--------|---------------------------------|-------------------------|----------------------------|--------------------------|
| SLE 14 | 34A | 14KW | 200 to 240v 380 to 480v | 460v |
| SLE 24 | 58A | 24KW | | |
| SLE 34 | 82A | 34KW | | |
| SLE 44 | 106A | 44KW | | |

CD-ROM VERSION OF SPRINT ELECTRIC WEB SITE OFFERS A HOST OF FREE SOFTWARE AND DRIVES DATA

A WEALTH OF USEFUL INFORMATION AND SOFTWARE FOR THE SELECTION, SPECIFICATION AND CONFIGURATION OF DC DRIVES HAS BEEN CRAMMED ON TO A NEW CD.

Available free on request and included with every Sprint Electric digital DC drive, the CD-ROM is an off-line version of Sprint Electric's recently redesigned and expanded web site www.sprint-electric.com. It includes full specifications, technical manuals and troubleshooting guides for Sprint's entire range of over 50 digital and analogue DC drives - the widest selection currently available from any manufacturer.



Also included is a full version of Sprint's PL Pilot software for the configuration of single or multiple PL/X digital drives. This easy to use Windows-based package makes programming and diagnostics for these sophisticated drives straightforward, even for users with no specialist knowledge.

Other useful features for expert and inexperienced users alike are the detailed glossary of drives terms and a comprehensive section giving detailed answers to frequently asked questions on drives configuration.

A news section gives details on Sprint's latest product launches and applications, while a selection of web links enables users with internet access to connect direct to other drives web sites.

This practical and informative CD-ROM is of use to anyone designing, operating or installing DC drive systems, whether or not they are using Sprint's range of modern products.

Visit our website for all the latest information regarding DC drives

www.sprint-electric.com

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