6SL3520-0XE01-5AF0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sl3520-0xe01-5af0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	6SL3520-0XE01-5AF0
Product Type	Distributed Drive
Series	SINAMICS G115D
Power Rating	1.5 kW
Voltage Range	380–480 V AC
Frame Size	FSA (380×216×129 mm)
Cooling Type	Natural Convection
Communication Interface	AS-Interface
Protection Rating	IP65
Weight	3.95 kg
Overload Capability	200% for 3 seconds, 150% for 57 seconds, 87% for 240 seconds %

Description

The Siemens 6SL3520-0XE01-5AF0 is a compact, wall-mounted distributed drive from the SINAMICS G115D series, designed for efficient control of conveyor systems and horizontal motion applications. With a rated power of 1.5 kW and a voltage range of 380–480 V AC, it offers reliable performance in demanding industrial environments.

The drive features an FSA frame size (380×216×129 mm) and operates with natural convection cooling, ensuring optimal thermal management. Equipped with AS-Interface communication, it facilitates

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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seamless integration into automation systems.

The device boasts an IP65 protection rating, providing robust resistance against dust and water ingress. Weighing 3.95 kg, it is suitable for installations where space and weight considerations are critical.

The drive supports overload capabilities of 200% for 3 seconds, 150% for 57 seconds, and 87% for 240 seconds, accommodating various operational demands. Designed for easy installation, cabling, and commissioning, it meets the requirements for horizontal conveyor system applications, from simple speed control to sophisticated encoderless vector control.