

SINAMICS V20

Product Data Sheet

6SL3210-5BB15-5AV0

0.55 kW Variable Frequency Drive

INPUT SUPPLY	LINE FREQUENCY	RATED OUTPUT PHASES	RATED POWER
1 AC 200 to 240 V, -15/+10%	47 to 63 Hz	3 AC	0.55 kW

Siemens 6SL3210-5BB15-5AV0 is a 0.55 kw variable frequency drive in the SINAMICS V20 range. It provides the documented function for a compatible industrial automation or building-control configuration.

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VERIFIED TECHNICAL DATA

Input supply	1 AC 200 to 240 V, -15/+10%
Line frequency	47 to 63 Hz
Rated output phases	3 AC
Rated power	0.55 kW
Rated output current	3.2 A
Pulse frequency	8 kHz
Output frequency	0 to 550 Hz
Overload capability	150% for 60 s, 300 s cycle
Communication	USS and Modbus RTU
Protection degree	IP20

ADDITIONAL PRODUCT DATA

Mechanical class	FSAB
Cooling	Convection

DOCUMENTED USE SETTINGS

Manufacturing and Production Operations and Operational Continuity: Industrial production and assembly operations for monitored service operations.

Water Supply and Environmental Services and Lifecycle Support: Municipal and industrial water services across established industrial sectors.

Commercial and Institutional Building Operations and Process Coordination: Indoor environmental quality management within controlled production environments.

SYSTEM COMPATIBILITY

Integrate 6SL3210-5BB15-5AV0 only in the documented SINAMICS V20 arrangement. Match the supply, interface and connector allocation to the accepted engineering record.

PRODUCT EVIDENCE

Siemens technical documentation for 6SL3210-5BB15-5AV0