UNIDRIVE SPM MODULAR DRIVES

Product Data Sheet

SPMD1424

380-480 V modular drive without dynamic braking

FUNCTION	FAMILY	ORIGIN	WEIGHT
380-480 V modular drive without	**Unidrive SPM modular drives**	**United Kingdom**	**55.00 kg**

Control Techniques SPMD1424 is a modular DC-input / AC-output drive without dynamic braking for the Unidrive SPM modular drives. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Module architecture	DC input / AC output drive module
Voltage class	380-480 V AC +/-10%
Dynamic braking configuration	Not included
Normal-duty continuous current	350 A; 335 A unless separately cooled
Normal-duty motor power	200 kW at 400 V
Normal-duty motor rating	300 hp at 460 V
Heavy-duty continuous current	290 A
Heavy-duty motor power	160 kW at 400 V
Heavy-duty motor rating	250 hp at 460 V
Cooling-fan supply	24 V DC, 5.0 A

02 ADDITIONAL PRODUCT DATA

Enclosure rating	IP20 / NEMA 1
Through-panel rating	IP54 / NEMA 12
Ambient temperature	-15 to +40 C; derated to +50 C
Relative humidity	95% maximum, non-condensing at 40 C
Operating altitude	0-3000 m; 1% derating per 100 m above 1000 m

03 OFFICIAL APPLICATIONS

- Thermal and Renewable Power Generation: Generation, auxiliary and energy-recovery operations
- Municipal and Industrial Water Treatment: Treatment, pumping and distribution operations
- Chemical and Petrochemical Manufacturing: Batch, continuous and materials-processing operations

04 SYSTEM COMPATIBILITY

Match SPMD1424 to the installed Unidrive SPM modular drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Control Techniques Unidrive SPM Modular Drive Systems Brochure

https://acim.nidec.com/drives/control-techniques/-/media/controltechniques/documents/pl-pl/unidrive_spm_brochure_pl.ashx

AMIKON PRODUCT SUPPORT

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