AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

D2D160-CE02-11

Long Life Centrifugal Fan

TYPE	REFERENCE	FAMILY	SCOPE
Long Life Centrifugal Fan	**D2D160-CE02-11**	**ABB LV AC drive cooling**	**Exact-model data**

D2D160-CE02-11 is a forward-curved, dual-intake AC centrifugal fan listed by ABB under spare-part reference 64650424. It supplies cooling airflow in the applicable low-voltage AC drive arrangement, combining a housed impeller and mounting bracket with a three-phase external-rotor motor.

01 DOCUMENTED PRODUCT REFERENCE

AC supply phases	3
Nominal voltage and connection	230 V delta / 400 V star
Supply frequency	50 / 60 Hz
Power consumption at maximum load	700 W at 50 Hz / 1055 W at 60 Hz
Current at maximum load	230 V delta: 1.9 / 2.82 A; 400 V star: 1.1 / 1.63 A (50 / 60 Hz)
Nominal speed at maximum load	2700 / 2960 rpm (50 / 60 Hz)
Minimum back pressure	460 / 560 Pa (50 / 60 Hz)
Permitted operating ambient	Minimum -25°C; maximum +90°C at 50 Hz / +50°C at 60 Hz

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

Ingress protection	IP00
Insulation class	F
Electrical protection class	I; customer protective-earth connection required
Motor thermal protection	Thermal overload protector with basic insulation
Direction of rotation	Counterclockwise, viewed toward rotor
Duty type	S1
Motor bearing	Ball bearing

03 APPLICATION AND CONFIGURATION

- D2D160-CE02-11 and 64650424 reference
- Voltage and star/delta connection
- Frequency and permitted ambient
- Drive-specific fitment and guarding
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ebm-papst 13978-5-9980 and ABB 3AUA0000216096 Rev F

OEM sheet, change 96928, approved 2017-10-26; nominal and technical data pp. 1-2. ABB note verifies spare reference 64650424 and maintenance guidance.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

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