EMC – ElectroMagnetic Compatibility Results

The following product:

Kind of product:	EC centrifugal fan
Type designation:	R3G630-RB32-71 and R3G560-RB31-71
Motor:	M3G150-IF
Electronics module:	60136 and 61345
Operating voltage:	3 x 400 VAC

The above mentioned product complies with European harmonized EMC regulations:

- EN 61000-6-3 (2007)
  - Electromagnetic compatibility (EMC) –
  - Part 6-3: Generic standards –
  - Emission standard for residential, commercial and light-industrial environments
- EN 61000-6-2 (2005)
  - Electromagnetic compatibility –
  - Part 6-2: Generic standards –
  - Immunity for industrial environments

The EMC-valuation is based on following measurements:

EMC-standard	EMC-Test	Confirmed
Emission EN 61000-6-3	Conducted emission EN 55022 (Class B)	☐
	Radiated emission EN 55022 (Class B)	☑
	Harmonics EN 61000-3-2	☑
	Flicker EN 61000-3-3	☑
Immunity EN 61000-6-2	ESD EN 61000-4-2	☑
	Radiated HF-fields EN 61000-4-3	☑
	Burst EN 61000-4-4	☑
	Surge EN 61000-4-5	☑
	Conducted HF-fields EN 61000-4-6	☑
	Voltage interruptions EN 61000-4-11	☑