EMC – ElectroMagnetic Compatibility Results

The following product:

Kind of product:	EC centrifugal fan
Type designation:	**R3G630-AB06-03**
Motor:	M3G150-IF
Electronics module:	60630/5 and 60485/10
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, commerical and light-industrial environments

- **EN 61000-6-2 (2005)**
  Electromagnetic compatibility (EMC) –
  Part 6-2: Generic standards –
  Immunity for industrial environments

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The EMC-valuation is based on following measurements:
(Project-No. 43490)

EMC-standard	EMC-Test	EUT (equipment under test)	Electronics module	Test report date	Test report in EDM-system	Test positive?
Emission EN 61000-6-3	**Conducted emission** EN 55022 (Class B)	R3G630	60484/3 (without C9) 60485/2	20.09.05	alg000128286	☑
	Radiated emission EN 55022 (Class B)	R3G630	60484/3 (without C9) 60485/2	18.10.05	ext000130924	☑
	Harmonics EN 61000-3-2	R3G630	60484/3 (without C9) 60485/2	27.10.05	ext000131404	☐
	Flicker EN 61000-3-3	R3G630	60484/3 (without C9) 60485/2	27.10.05	ext000131404	☑
Immunity EN 61000-6-2	**ESD** EN 61000-4-2	R3G630	60484/3 (without C9) 60485/2	16.11.05	alg000132697	☑
	Radiated HF-fields EN 61000-4-3	R3G630	60484/3 (without C9) 60485/2	18.10.05	ext000130924	☑
	Burst EN 61000-4-4	R3G630	60484/3 (without C9) 60485/2	27.10.05 16.11.05	ext000131404 alg000132725	☑
	Surge EN 61000-4-5	R3G630	60484/3 (without C9) 60485/2	27.10.05 16.11.05	ext000131404 alg000132730	☑
	Conducted HF-fields EN 61000-4-6	R3G630	60484/3 (without C9) 60485/2	21.09.05	alg000128382	☑
	Voltage interruptions EN 61000-4-11	R3G630	60484/3 (without C9) 60485/2	27.10.05	ext000131404	☑

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