

IEC 60947-4-2
(Third edition – 2011)

Low-voltage switchgear and controlgear –

Part 4-2: Contactors and motor-starters –
AC semiconductor motor controllers
and starters

CEI 60947-4-2
(Troisième édition – 2011)

Appareillage à basse tension –

Partie 4-2: Contacteurs et démarreurs de
moteurs – Gradateurs et démarreurs à
semiconducteurs de moteurs à courant alternatif

CORRIGENDUM 1

Table 19 – Terminal disturbance voltage limits for conducted radio-frequency emission

Replace, in the first row of this existing table “currents” by “power”, as follows:

Tableau 19 – Limites de perturbation en tension sur les bornes pour les émissions conduites à fréquences radioélectriques

Remplacer, dans la première ligne du tableau existant “courants” par “puissance”, comme suit:

Table 19 – Terminal disturbance voltage limits for conducted radio-frequency emission

Frequency range MHz	Environment A ^a rated input power ≤ 20 kVA		Environment A ^{a, b} rated input power > 20 kVA		Environment B ^a	
	Quasi-peak dB (μV)	Average dB (μV)	Quasi-peak dB (μV)	Average dB (μV)	Quasi-peak dB (μV)	Average dB (μV)
0,15 to 0,5	79	66	100	90	66 to 56 (decrease with log of frequency)	56 to 46 (decrease with log of frequency)
0,5 to 5	73	60	86	76	56	46
5 to 30	73	60	90 to 73 (decrease with log of frequency)	80 to 60 (decrease with log of frequency)	60	50

^a Defined by IEC 60947-1.

^b These limits apply to equipment with a rated input power > 20 kVA. The manufacturer and/or supplier shall provide information on installation measures that can be used to reduce emissions from the installed equipment. In particular, it shall be indicated that this equipment is intended to be powered a dedicated power transformer or generated and not LV overhead power lines.

Limits in accordance with CISPR 11, Group 1.