

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Schneider Electric Industries SAS
Address	31 Rue Pierre Mendes France, Eybens, Cedex 9, Grenoble, 38050, France
Type	Contactors
Description	3 and 4 pole contactors
Trade Name	LC1F115 to LC1F800; LC2F115 to LC2F265; LC1F1154 to LC1F7804; refer to Appendix for details
Application	Marine, offshore and industrial applications suitable for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1: 2013
Specified Standard	IEC 60947-4-1:2018
Ratings	Refer to Appendix for details

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. HTS/ETS 40589-20 AHB/AC and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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TYPE continued

3 Phase, 50/60Hz a.c.				
Type	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for $\Theta \leq 60^\circ\text{C}/$ Ue $\leq 690\text{V}$	Thermal Current Ith [A] for $\Theta \leq 40^\circ\text{C}$
LC1F1154/ LC2F1154 4 pole	AC-1	up to 690	200	200
LC1F1504/ LC2F1504 4 pole	AC-1	up to 690	250	250
LC1F185/LC2F185 3 pole	AC-1	up to 690	275	275
	AC-3	230	168.7	
		400	160	
		415	171.1	
		440	185	
		500	156	
		690	113	
	AC-4	230	140.6	
		400	133.4	
		415	142.6	
		440	154.2	
		500	130	
		690	94.2	

TYPE continued

3 Phase, 50/60Hz a.c.				
Type	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for $\Theta \leq 60^\circ\text{C}/$ $U_e \leq 690\text{V}$	Thermal Current Ith [A] for $\Theta \leq 40^\circ\text{C}$
LC1F225/LC2F225 3 pole	AC-1	up to 690	315	315
	AC-3	230	193.1	
		400	195	
		415	188	
		440	225	
		500	180.2	
		690	130.6	
	AC-4	230	161	
		400	162.5	
		415	156.7	
		440	187.5	
		500	150.2	
		690	108.9	
LC1F1854/ LC2F1854 4 pole	AC-1	up to 690	275	275
LC1F2254/ LC2F2254 4 pole	AC-1	up to 690	315	315

TYPE continued

3 Phase, 50/60Hz a.c.				
Type	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for $\Theta \leq 60^\circ\text{C}/$ $U_e \leq 690\text{V}$	Thermal Current Ith [A] for $\Theta \leq 40^\circ\text{C}$
LC1F265/LC2F265 3 pole	AC-1	up to 1000	350	350
	AC-3	230	229.6	
		400	230	
		415	235.5	
		440	265	
		500	224	
		690	162.4	
	AC-4	230	191.4	
		400	191.7	
		415	196.3	
		440	220.9	
		500	186.7	
		690	135.4	
	LC1F330 3 pole	AC-1	up to 1000	
AC-3		230	308.7	
		400	280	
		415	303.6	
		440	330	
		500	280	
		690	221.6	
		1000	112	
		LC1F400 3 pole	AC-1	up to 1000
AC-3	230		339.1	
	400		350	
	415		368.6	
	440		400	
	500		353.5	
	690		278.8	
	1000		129.5	

TYPE continued

3 Phase, 50/60Hz a.c.				
Type	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for $\Theta \leq 60^\circ\text{C}/$ $U_e \leq 690\text{V}$	Thermal Current Ith [A] for $\Theta \leq 40^\circ\text{C}$
LC1F2654/ LC2F2654 4 pole	AC-1	up to 1000	350	350
LC1F3304 4 pole	AC-1	up to 1000	400	400
LC1F4004 4 pole	AC-1	up to 1000	500	500
LC1F500 3 pole	AC-1	up to 1000	700	700
	AC-3	230	446.5	
		400	430	
		415	463.5	
		440	500	
		500	488	
690	333.3			
LC1F5004 4 pole	AC-1	up to 1000	700	700
LC1F630 3 pole	AC-1	up to 1000	1000	1000
	AC-3	230	608.7	
		400	575	
		415	622.2	
		440	630	
		500	552	
		690	446.7	
		1000	308.2	

TYPE continued

3 Phase, 50/60Hz a.c.				
Type	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for $\Theta \leq 60^\circ\text{C}/$ Ue $\leq 690\text{V}$	Thermal Current Ith [A] for $\Theta \leq 40^\circ\text{C}$
LC1F780 3 pole	AC-1	up to 1000	1600	1600
	AC-3	230	664.9	
		400	690	
		415	704	
		440	780	
		500	616.5	
		690	469.8	
		1000	308.2	
LC1F6304 4 pole	AC-1	up to 1000	1000	1000
LC1F7804 4 pole	AC-1	up to 1000	1600	1600
LC1F800 3 pole	AC-1	up to 1000	1000	1000
	AC-3	230	747.8	
		400	770.6	
		415	742.7	
		440	800	
		500	616.5	
		690	469.8	
		1000	308.2	

PLACES OF PRODUCTION

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