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Certificate No: LR2040118TA Issue Date: 09/11/2020 Expiry Date: 16/04/2025

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.

Antje Herms-Bondzio

Senior Specialist to Lloyd's Register EMEA A member of the Lloyd's Register group

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Appendix

TYPE

Contactors LC1F/LC2F Types

	3 Phase, 50/60Hz a.c.			
Туре	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for Θ≤60°C/ Ue≤690V	Thermal Current Ith [A] for Θ ≤40°C
	AC-1	up to 690	200	
	_	230	95.7	
		400	97	
	AC-3	415	100.3	
		440	115	
LC1F115/LC2F115		500	105.6	200
2 mala		690	81.9	200
3 pole		230	79.8	
		400	80.9	
	AC-4	415	83.6	
		440	95.9	
		500	88	
		690	68.3	
	AC-1	up to 690	250	
		230	123.9	
		400	132	
LC1F150/LC2F150	AC-3	415	136.2	
LC1F150/LC2F150		440	150	
		500	128	250
		690	102.9	250
3 pole		230	103.3	
-		400	110	
	AC-4	415	113.5	
		440	125	
		500	106.7	
		690	85.8	<u> </u>

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TYPE continued

	3 Phase, 50/60Hz a.c.			
Туре	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for Θ≤60°C/ Ue≤690V	Thermal Current Ith [A] for Θ≤40°C
LC1F1154/ LC2F1154 4 pole	AC-1	up to 690	200	200
LC1F1504/ LC2F1504 4 pole	AC-1	up to 690	250	250
	AC-1	up to 690	275	
		230	168.7	
		400	160	
1.015105 // 005105	AC-3	415	171.1	
LC1F185/LC2F185		440	185	
		500	156	275
		690	113	213
3 pole		230	140.6	
3 poic		400	133.4	
	AC-4	415	142.6	_
		440	154.2	_
		500	130	_
		690	94.2	

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TYPE continued

	3 Phase, 50/60Hz a.c.			
Туре	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for Θ≤60°C/ Ue≤690V	Thermal Current Ith [A] for Θ≤40°C
	AC-1	up to 690	315	
		230	193.1	
		400	195	_
	AC-3	415	188	_
LC15335/LC35335		440	225	
LC1F225/LC2F225		500	180.2	315
3 pole		690	130.6	313
3 poic		230	161	
		400	162.5	_
	AC-4	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

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TYPE continued

	3 Phase, 50/60Hz a.c.			
Туре	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for Θ≤60°C/ Ue≤690V	Thermal Current Ith [A] for Θ ≤40°C
	AC-1	up to 1000	350	
		230	229.6	1
	-	400	230	1
	AC-3	415	235.5	1
		440	265	1
LC1F265/LC2F265		500	224	252
2 mala		690	162.4	350
3 pole		230	191.4	
		400	191.7	
	AC-4	415	196.3	
		440	220.9]
		500	186.7	
		690	135.4	
	AC-1	up to 1000	400	
	_	230	308.7	
LC1F330		400	280	
	AC-3	415	303.6	400
3 pole	AC-3	440	330	
		500	280	
		690	221.6	1
		1000	112	
	AC-1	up to 1000	500	_
		230	339.1	-
LC1F400	LC1F400	400	350	_
3 pole AC-3	AC-3	415	368.6	500
	AC-3	440	400	-
		500	353.5	-
	_	690	278.8	-
		1000	129.5	

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	3 Phase, 50/60Hz a.c.			
Туре	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for Θ≤60°C/ Ue≤690V	Thermal Current Ith [A] for Θ≤40°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-3	up to 1000 230 400 415 440 500 690	700 446.5 430 463.5 500 488 333.3	700
LC1F5004 4 pole	AC-1	up to 1000	700	700
LC1F630 3 pole	AC-1	up to 1000 230 400 415 440 500 690 1000	1000 608.7 575 622.2 630 552 446.7 308.2	1000

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	3 Phase, 50/60Hz a.c.			
Туре	Utilisation Category	Operational Voltage Ue [V]	Operational Current Ie [A] for Θ≤60°C/ Ue≤690V	Thermal Current Ith [A] for Θ <u><</u> 40°C
	AC-1	up to 1000	1600	
		230	664.9	
LC1F780		400	690	
LCIF180	AC-3	415	704	1600
3 pole	AC-3	440	780	
o pote		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
	AC-1	up to 1000	1000	
		230	747.8	
LC1F800		400	770.6	
LCII 000	AC-3	415	742.7	1000
3 pole	AC-3	440	800	
0 70.0		500	616.5	
		690	469.8	
		1000	308.2	

PLACES OF PRODCUTION

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