

Product Modification

Sales/Marketing

08th Dec 2017

F Contactors- New Zinc coating surface treatment of magnet used in TeSys F115-F225 Contactors

Objectives

To provide you information regarding change of magnet surface treatment from paint to zinc coating including cross reference tables for contactors and coils.

Description

Products concerned : LC1F115, LC1F150, LC1F185, LC1F225
: LC1FG150/ LC1FG185
Action : Quality
Implementation date : Week 45/ 2017

In order to solve potential rust traces on magnet polar faces, the surface treatment of electromagnets for above F-contactor ranges is changed from paint to Zinc coating.

Availability

Ratings	Implementation date	End
LC1 F115...F225 LC1 FG150...FG225	Week 45/ 2017	---

Explanations

The existing LX1 type 50Hz or 60Hz coils cannot be used in contactors with Zinc coating magnets. LX9, LX4 and LXE coil types shall be used along with these new type magnets. Suitable marking are made on the product for the easy understanding of users. All new contactors manufactured with /without coil will be with Zinc coated magnets only.

Existing contactor references ending with ...5 & ...6 will be available until: Week 44/ 2018 and shall be withdrawn there-after. If customer need contactor with painted type magnet, please order full contactor reference with coil code.

Painting type magnet with rings on the magnet faces (LX1 coil is used)



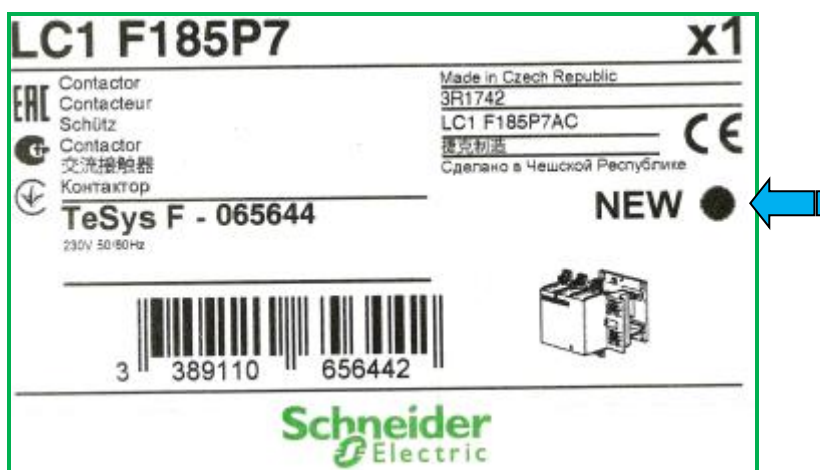
Zinc coating type magnet without rings (LX9, LX4 & LXE coils are used)



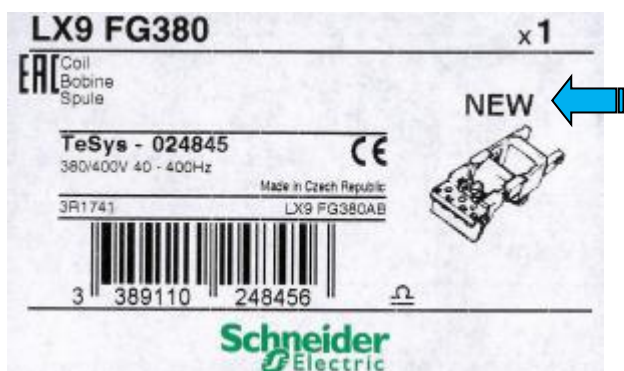
Marking on product with zinc coating magnets



Packing labels for contactors with Zinc coating magnets + coil (with NEW and ●)



Packing labels for LX9 type spare coil with inbuilt 1NO aux. Contact (NEW marking)



List of complete product references that will be withdrawn from week 44/ 2018 and their replacement references.

LC1 F115/F150/F185/F225 contactors ending with ...5 and ...6 are with painted type magnets and references ending with ...7 are with zinc coated magnets.

LC1F115	
Existing Ref	New Ref
LC1F115B5	NA
LC1F115D5	NA
LC1F115E5	LC1F115E7
LC1F115F5	LC1F115F7
LC1F115FE5	LC1F115FE7
LC1F115G5	LC1F115G7
LC1F115M5	LC1F115M7
LC1F115P5	LC1F115P7
LC1F115U5	LC1F115U7
LC1F115Q5	LC1F115Q7
LC1F115V5	LC1F115V7
LC1F115N5	LC1F115N7
LC1F115B6	NA
LC1F115E6	LC1F115E7
LC1F115F6	LC1F115F7
LC1F115G6	LC1F115G7
LC1F115L6	LC1F115L7
LC1F115M6	LC1F115M7
LC1F115U6	LC1F115U7
LC1F115Q6	LC1F115Q7
LC1F115R6	LC1F115R7
LC1F115X6	NA
LC1F115E7	LC1F115E7
LC1F115F7	LC1F115F7
LC1F115FE7	LC1F115FE7
LC1F115G7	LC1F115G7
LC1F115L7	LC1F115L7
LC1F115M7	LC1F115M7
LC1F115P7	LC1F115P7
LC1F115U7	LC1F115U7
LC1F115Q7	LC1F115Q7
LC1F115V7	LC1F115V7
LC1F115N7	LC1F115N7

LC1F150	
Existing Ref	New Ref
LC1F150B5	NA
LC1D150D5	NA
LC1F150E5	LC1F150E7
LC1F150F5	LC1F150F7
LC1F150FE5	LC1F150FE7
LC1F150G5	LC1F150G7
LC1F150M5	LC1F150M7
LC1F150P5	LC1F150P7
LC1F150U5	LC1F150U7
LC1F150Q5	LC1F150Q7
LC1F150V5	LC1F150V7
LC1F150N5	LC1F150N7
LC1F150B6	NA
LC1F150E6	LC1F150E7
LC1F150F6	LC1F150F7
LC1F150G6	LC1F150G7
LC1F150L6	LC1F150L7
LC1F150M6	LC1F150M7
LC1F150U6	LC1F150U7
LC1F150Q6	LC1F150Q7
LC1F150R6	LC1F150R7
LC1F150X6	NA
LC1F150E7	LC1F150E7
LC1F150F7	LC1F150F7
LC1F150FE7	LC1F150FE7
LC1F150G7	LC1F150G7
LC1F150L7	LC1F150L7
LC1F150M7	LC1F150M7
LC1F150P7	LC1F150P7
LC1F150U7	LC1F150U7
LC1F150Q7	LC1F150Q7
LC1F150V7	LC1F150V7
LC1F150N7	LC1F150N7

LC1F115	
Existing Ref	New Ref
LC1F115R7	LC1F115R7
LC1F1154B5	NA
LC1F1154E5	LC1F1154E7
LC1F1154F5	LC1F1154F7
LC1F1154FE5	LC1F1154FE7
LC1F1154M5	LC1F1154M7
LC1F1154P5	LC1F1154P7
LC1F1154U5	LC1F1154U7
LC1F1154Q5	LC1F1154Q7
LC1F1154V5	LC1F1154V7
LC1F1154N5	LC1F1154N7
LC1F1154B6	NA
LC1F1154E6	LC1F1154E7
LC1F1154F6	LC1F1154F7
LC1F1154G6	LC1F1154G7
LC1F1154L6	LC1F1154L7
LC1F1154M6	LC1F1154M7
LC1F1154U6	LC1F1154U7
LC1F1154Q6	LC1F1154Q7
LC1F1154R6	LC1F1154R7
LC1F1154X6	NA
LC1F1154E7	LC1F1154E7
LC1F1154F7	LC1F1154F7
LC1F1154FE7	LC1F1154FE7
LC1F1154G7	LC1F1154G7
LC1F1154L7	LC1F1154L7
LC1F1154M7	LC1F1154M7
LC1F1154P7	LC1F1154P7
LC1F1154U7	LC1F1154U7
LC1F1154Q7	LC1F1154Q7
LC1F1154V7	LC1F1154V7
LC1F1154N7	LC1F1154N7
LC1F1154R7	LC1F1154R7

LC1F150	
Existing Ref	New Ref
LC1F150R7	LC1F150R7
LC1F1504B5	NA
LC1F1504E5	LC1F1504E7
LC1F1504F5	LC1F1504F7
LC1F1504FE5	LC1F1504FE7
LC1F1504M5	LC1F1504M7
LC1F1504P5	LC1F1504P7
LC1F1504U5	LC1F1504U7
LC1F1504Q5	LC1F1504Q7
LC1F1504V5	LC1F1504V7
LC1F1504N5	LC1F1504N7
LC1F1504B6	NA
LC1F1504E6	LC1F1504E7
LC1F1504F6	LC1F1504F7
LC1F1504G6	LC1F1504G7
LC1F1504L6	LC1F1504L7
LC1F1504M6	LC1F1504M7
LC1F1504U6	LC1F1504U7
LC1F1504Q6	LC1F1504Q7
LC1F1504R6	LC1F1504R7
LC1F1504X6	NA
LC1F1504E7	LC1F1504E7
LC1F1504F7	LC1F1504F7
LC1F1504FE7	LC1F1504FE7
LC1F1504G7	LC1F1504G7
LC1F1504L7	LC1F1504L7
LC1F1504M7	LC1F1504M7
LC1F1504P7	LC1F1504P7
LC1F1504U7	LC1F1504U7
LC1F1504Q7	LC1F1504Q7
LC1F1504V7	LC1F1504V7
LC1F1504N7	LC1F1504N7
LC1F1504R7	LC1F1504R7

LC1F185	
Existing Ref	New Ref
LC1F185B5	NA
LC1F185E5	LC1F185E7
LC1F185F5	LC1F185F7
LC1F185FE5	LC1F185FE7
LC1F185G5	LC1F185G7
LC1F185M5	LC1F185M7
LC1F185P5	LC1F185P7
LC1F185U5	LC1F185U7
LC1F185Q5	LC1F185Q7
LC1F185V5	LC1F185V7
LC1F185N5	LC1F185N7
LC1F185B6	NA
LC1F185E6	LC1F185E7
LC1F185F6	LC1F185F7
LC1F185G6	LC1F185G7
LC1F185L6	LC1F185L7
LC1F185M6	LC1F185M7
LC1F185U6	LC1F185U7
LC1F185Q6	LC1F185Q7
LC1F185R6	LC1F185R7
LC1F185X6	NA
LC1F185E7	LC1F185E7
LC1F185F7	LC1F185F7
LC1F185FE7	LC1F185FE7
LC1F185G7	LC1F185G7
LC1F185L7	LC1F185L7
LC1F185M7	LC1F185M7
LC1F185P7	LC1F185P7
LC1F185U7	LC1F185U7
LC1F185Q7	LC1F185Q7
LC1F185V7	LC1F185V7
LC1F185N7	LC1F185N7

LC1F225	
Existing Ref	New Ref
LC1F225B5	NA
LC1F225E5	LC1F225E7
LC1F225F5	LC1F225F7
LC1F225FE5	LC1F225FE7
LC1F225G5	LC1F225G7
LC1F225M5	LC1F225M7
LC1F225P5	LC1F225P7
LC1F225U5	LC1F225U7
LC1F225Q5	LC1F225Q7
LC1F225V5	LC1F225V7
LC1F225N5	LC1F225N7
LC1F225B6	NA
LC1F225E6	LC1F225E7
LC1F225F6	LC1F225F7
LC1F225G6	LC1F225G7
LC1F225L6	LC1F225L7
LC1F225M6	LC1F225M7
LC1F225U6	LC1F225U7
LC1F225Q6	LC1F225Q7
LC1F225R6	LC1F225R7
LC1F225X6	NA
LC1F225E7	LC1F225E7
LC1F225F7	LC1F225F7
LC1F225FE7	LC1F225FE7
LC1F225G7	LC1F225G7
LC1F225L7	LC1F225L7
LC1F225M7	LC1F225M7
LC1F225P7	LC1F225P7
LC1F225U7	LC1F225U7
LC1F225Q7	LC1F225Q7
LC1F225V7	LC1F225V7
LC1F225N7	LC1F225N7

LC1F185	
Existing Ref	New Ref
LC1F185R7	LC1F185R7
LC1F1854B5	NA
LC1F1854E5	LC1F1854E7
LC1F1854F5	LC1F1854F7
LC1F1854FE5	LC1F1854FE7
LC1F1854M5	LC1F1854M7
LC1F1854P5	LC1F1854P7
LC1F1854U5	LC1F1854U7
LC1F1854Q5	LC1F1854Q7
LC1F1854V5	LC1F1854V7
LC1F1854N5	LC1F1854N7
LC1F1854E6	LC1F1854E7
LC1F1854F6	LC1F1854F7
LC1F1854G6	LC1F1854G7
LC1F1854L6	LC1F1854L7
LC1F1854M6	LC1F1854M7
LC1F1854U6	LC1F1854U7
LC1F1854Q6	LC1F1854Q7
LC1F1854R6	LC1F1854R7
LC1F1854X6	NA
LC1F1854E7	LC1F1854E7
LC1F1854F7	LC1F1854F7
LC1F1854FE7	LC1F1854FE7
LC1F1854G7	LC1F1854G7
LC1F1854L7	LC1F1854L7
LC1F1854M7	LC1F1854M7
LC1F1854P7	LC1F1854P7
LC1F1854U7	LC1F1854U7
LC1F1854Q7	LC1F1854Q7
LC1F1854V7	LC1F1854V7
LC1F1854N7	LC1F1854N7
LC1F1854R7	LC1F1854R7

LC1F225	
Existing Ref	New Ref
LC1F225R7	LC1F225R7
LC1F2254B5	NA
LC1F2254E5	LC1F2254E7
LC1F2254F5	LC1F2254F7
LC1F2254FE5	LC1F2254FE7
LC1F2254M5	LC1F2254M7
LC1F2254P5	LC1F2254P7
LC1F2254U5	LC1F2254U7
LC1F2254Q5	LC1F2254Q7
LC1F2254V5	LC1F2254V7
LC1F2254N5	LC1F2254N7
LC1F2254E6	LC1F2254E7
LC1F2254F6	LC1F2254F7
LC1F2254G6	LC1F2254G7
LC1F2254L6	LC1F2254L7
LC1F2254M6	LC1F2254M7
LC1F2254U6	LC1F2254U7
LC1F2254Q6	LC1F2254Q7
LC1F2254R6	LC1F2254R7
LC1F2254X6	NA
LC1F2254E7	LC1F2254E7
LC1F2254F7	LC1F2254F7
LC1F2254FE7	LC1F2254FE7
LC1F2254G7	LC1F2254G7
LC1F2254L7	LC1F2254L7
LC1F2254M7	LC1F2254M7
LC1F2254P7	LC1F2254P7
LC1F2254U7	LC1F2254U7
LC1F2254Q7	LC1F2254Q7
LC1F2254V7	LC1F2254V7
LC1F2254N7	LC1F2254N7
LC1F2254R7	LC1F2254R7

LC1FG150	
Existing Ref	New Ref
LC1FG150E5	LC1FG150E7
LC1FG150F5	LC1FG150F7
LC1FG150M5	LC1FG150M7
LC1FG150P5	LC1FG150P7
LC1FG150U5	LC1FG150U7
LC1FG150Q5	LC1FG150Q7
LC1FG150V5	LC1FG150V7
LC1FG150N5	LC1FG150N7
LC1FG150E6	LC1FG150E7
LC1FG150F6	LC1FG150F7
LC1FG150G6	LC1FG150G7
LC1FG150L6	LC1FG150L7
LC1FG150M6	LC1FG150M7
LC1FG150U6	LC1FG150U7
LC1FG150Q6	LC1FG150Q7
LC1FG150R6	LC1FG150R7
LC1FG150E7	LC1FG150E7
LC1FG150F7	LC1FG150F7
LC1FG150L7	LC1FG150L7
LC1FG150M7	LC1FG150M7
LC1FG150P7	LC1FG150P7
LC1FG150U7	LC1FG150U7
LC1FG150Q7	LC1FG150Q7
LC1FG150V7	LC1FG150V7
LC1FG150N7	LC1FG150N7
LC1FG150R7	LC1FG150R7

LC1FG185	
Existing Ref	New Ref
LC1FG185E5	LC1FG185E7
LC1FG185F5	LC1FG185F7
LC1FG185M5	LC1FG185M7
LC1FG185P5	LC1FG185P7
LC1FG185U5	LC1FG185U7
LC1FG185Q5	LC1FG185Q7
LC1FG185V5	LC1FG185V7
LC1FG185N5	LC1FG185N7
LC1FG185E6	LC1FG185E7
LC1FG185F6	LC1FG185F7
LC1FG185G6	LC1FG185G7
LC1FG185L6	LC1FG185L7
LC1FG185M6	LC1FG185M7
LC1FG185U6	LC1FG185U7
LC1FG185Q6	LC1FG185Q7
LC1FG185R6	LC1FG185R7
LC1FG185E7	LC1FG185E7
LC1FG185F7	LC1FG185F7
LC1FG185L7	LC1FG185L7
LC1FG185M7	LC1FG185M7
LC1FG185P7	LC1FG185P7
LC1FG185U7	LC1FG185U7
LC1FG185Q7	LC1FG185Q7
LC1FG185V7	LC1FG185V7
LC1FG185N7	LC1FG185N7
LC1FG185R7	LC1FG185R7

Substitution references table for spare coils, to be used in contactors with Zinc coating magnet.

Please note that LX9...coil references can be used on old contactors with painted magnets. But the old LX1 coils can't be used in LC1 F115/F150/F185/F225 contactors with zinc coating magnets.

For contactors LC1F115 and LC1F150

Coil Voltage		Coil code	Existing Ref	Coil code	New Reference 40...400Hz
Uc-50Hz	Uc-60Hz				
---	24	B6	LX1FF020	---	NA
---	---	B5	LX1FF024	---	NA
24	---	---	LX1FF026	---	NA
26	36	---	LX1FF030	---	NA
30	---	---	LX1FF032	---	NA
32	---	---	LX1FF036	---	NA
36	---	---	LX1FF042	D7	LX9FF042
42	48	D5	LX1FF040	E7	LX9FF048
---	---	E6	LX1FF048	E7	LX9FF048
48	---	E5	LX1FF052	E7	LX9FF048
52	---	---	LX1FF056	---	LX9FF055
56	---	---	LX1FF062	---	LX9FF065
62	---	---	LX1FF068	---	LX9FF070
68	---	---	LX1FF076	---	LX9FF080
76	---	---	LX1FF084	---	LX9FF090
84	110	---	LX1FF092	F7	LX9FF110
---	120	F6	LX1FF095	G7	LX9FF127
---	---	G6	LX1FF100	---	LX9FF100
100	120	---	LX1FF100	G7	LX9FF127
---	---	---	LX1FF110	F7	LX9FF110
110	---	F5	LX1FF120	G7	LX9FF127
120	---	---	LX1FF110	FE7	LX9FF110
115	100	FE5	LX1FF1106	---	LX9FF100
100	110	---	LX1FF1106	---	LX9FF110
---	---	---	LX1FF127	G7	LX9FF127
127/132	---	G5	LX1FF140	---	LX9FF140
140	---	---	LX1FF154	---	LX9FF150
154	200/208	---	LX1FF162	---	LX9FF200
---	---	L6	LX1FF170	L7	LX9FF170
170	220	---	LX1FF184	---	LX9FF220
---	240	M6	LX1FF187	M7	LX9FF240
---	---	U6	LX1FF200	U7	LX9FF200
200	240	---	LX1FF200	---	LX9FF240
---	---	---	LX1FF220	U7	LX9FF240
220	265/277	M5	LX1FF220	M7	LX9FF220
---	---	M5	LX1FF220	---	LX9FF280
230	200	P5	LX1FF2206	P7	LX9FF220
200	220	---	LX1FF2206	---	LX9FF200
---	---	---	LX1FF240	---	LX9FF220

240	---	U5	LX1FF264	U7	LX9FF240
264	---	---	LX1FF288	U7	LX9FF240
288	---	---	LX1FF316	---	LX9FF280
---	380	Q6	LX1FF340	Q7	LX9FF380
340	---	---	LX1FF340	---	LX9FF350
---	415	N6	LX1FF360	N7	LX9FF415
---	440	R6	LX1FF380	R7	LX9FF415
380	---	Q5	LX1FF380	Q7	LX9FF380
---	460/480	Q5	LX1FF380	S7	LX9FF500
400	---	V5	LX1FF415	V7	LX9FF380
415	---	N5	LX1FF450	N7	LX9FF415
450	---	---	LX1FF450	N7	LX9FF415
---	550	---	LX1FF475	---	LX9FF550
475	600	X6	LX1FF500	S7	LX9FF500
500	---	S5	LX1FF550	S7	LX9FF500
---	660	Y6	LX1FF600	---	NA
600	---	---	LX1FF660	---	NA
660/690	---	Y5	LX1FF750	---	NA
750	---	---	LX1FF800	---	NA
800	---	---	LX1FF850	---	NA
---	1000	---	LX1FF910	---	NA
910	---	---	LX1FF1000	---	NA
1000	---	---		---	NA

For contactors LC1F185 and LC1F225

Coil Voltage		Coil code	Existing Ref	Coil code	New Reference 40...400Hz
Uc-50Hz	Uc-60Hz				
---	24	B6	LX1FG020	---	NA
24	---	B5	LX1FG024	---	NA
26	---	---	LX1FG026	---	NA
30	36	---	LX1FG030	---	NA
32	---	---	LX1FG032	---	NA
36	---	---	LX1FG036	---	NA
42	---	D5	LX1FG042	D7	LX9FG042
---	48	E6	LX1FG040	E7	LX9FG048
48	---	E5	LX1FG048	E7	LX9FG048
52	---	---	LX1FG052	E7	LX9FG048
56	---	---	LX1FG056	---	LX9FG055
62	---	---	LX1FG062	---	LX9FG065
68	---	---	LX1FG068	---	LX9FG070
76	---	---	LX1FG076	---	LX9FG080
84	---	---	LX1FG084	---	LX9FG080
---	110	F6	LX1FG092	F7	LX9FG110
---	120	G6	LX1FG095	G7	LX9FG127
100	---	---	LX1FG100	---	LX9FG100
---	120	---	LX1FG100	G7	LX9FG127
110	---	F5	LX1FG110	F7	LX9FG110
115	---	FE5	LX1FG110	FE7	LX9FG110
120	---	---	LX1FG120	G7	LX9FG127
100	100	---	LX1FG1106	---	LX9FG100

---	110	---	LX1FG1106	---	LX9FG110
127/132	---	G5	LX1FG127	G7	LX9FG127
---	200/208	L6	LX1FG162	L7	LX9FG200
170	---	---	LX1FG170	---	LX9FG170
---	220	M6	LX1FG184	M7	LX9FG220
---	240	U6	LX1FG187	U7	LX9FG240
200	---	---	LX1FG200	L7	LX9FG200
---	240	---	LX1FG200	U7	LX9FG240
220	---	M5	LX1FG220	M7	LX9FG220
---	265/277	---	LX1FG220	---	LX9FG280
230	---	P5	LX1FG220	P7	LX9FG220
200	200	---	LX1FG2206	---	LX9FG200
---	220	---	LX1FG2206	---	LX9FG220
240	---	U5	LX1FG240	U7	LX9FG240
264	---	---	LX1FG264	U7	LX9FG240
288	---	---	LX1FG288	---	LX9FG280
---	380	Q6	LX1FG316	Q7	LX9FG380
340	---	---	LX1FG340	---	LX9FG350
---	415	---	LX1FG340	N7	LX9FG415
---	440	R6	LX1FG360	R7	LX9FG415
380	---	Q5	LX1FG380	Q7	LX9FG380
---	460/480	Q5	LX1FG380	S7	LX9FG500
400	---	V5	LX1FG380	V7	LX9FG380
415	---	N5	LX1FG415	N7	LX9FG415
450	---	---	LX1FG450	N7	LX9FG415
---	550	---	LX1FG450	---	LX9FG550
475	---	---	LX1FG475	S7	LX9FG500
---	600	X6	LX1FG475	---	NA
500	---	S5	LX1FG500	S7	LX9FG500
---	660	Y6	LX1FG550	---	NA
600	---	---	LX1FG600	---	NA
660/690	---	Y5	LX1FG660	---	NA
750	---	---	LX1FG750	---	NA
800	---	---	LX1FG800	---	NA
---	1000	---	LX1FG850	---	NA
910	---	---	LX1FG910	---	NA
1000	---	---	LX1FG1000	---	NA

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