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to / à : All our valued customers
fax :

copy to / pour info. : SESG Sales

your ref. / vos réf. :

subject / objet : End-of-commercialization – LC*D40/50/65

Reference to our Product Substitution Notice 9th Jan 2009.

We would like to inform that we're in the final stages of phasing out the old generation contactors, LC*D40, LC*D50 & LC*D65. We will cease all our commercial actions for this range in the weeks ahead. Going forward, if you do have any further needs for these products, we would be most appreciated to receive your last orders by **10th Sep 2010**.

At Schneider Electric, we do our utmost to update and improve our offers. We thank you for your strong support in the past and look forward to your continuous support in the future.

Please do not hesitate to contact Schneider Electric should you need any further assistance.

Thank you.



Daniel Pang
Manager, LV Product Management
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Schneider Electric Singapore Pte Ltd

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date : 09 January 2009
ref :

à / to : Whom It May Concern

pour info / copy to :

Cc :

dossier / subj. : TELEMECANIQUE / LC*D Contactor – Product Substitution

objectif / re :

Dear Sir/Madm,

We have launched the new TeSys Size 3 contactors; which replaces the existing range of Size 2 contactors. The details of the references can be found in the substitution table. From January 2009, the production for the new TeSys contactors and Thermal Overload Relay (offer up to 65A) will be ramped up and stocked in South East Asia Logistic centre. Over the next 3 months, inventories of the old references will be reduced and orders will be based on indent basis.

TeSys Offer : innovation capabilities

■ Schneider has designed a new patented EverLink power terminal that provides *safer and long lasting power connections*:

- Reduced maintenance
- Better safety
- Reduced heating risks

■ With a full set of motors starter standard accessories, the innovative installation system provides:

- Customized motor starter combination,
- Time saving,
- Space saving,
- More safety with risk free combination motor starter



With Regards,

Michael Gey

Marketing

Power Control & Protection, Variable Speed Drives

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3-pole contactors, 40 to 65 A								
Power (kW) at 400 V / AC3	Old reference	Power connection	Control connection	Type of coil	New reference	Power connection	Control connection	Type of coil
18.5	LC1D40●●	Screw clamp terminals	Screw clamp terminals	~	LC1D40A●●	EverLink	Screw clamp terminals	~
18.5	LC1D4011●●	Screw clamp terminals	Screw clamp terminals	~	LC1D40A●●	EverLink	Screw clamp terminals	~
18.5	LC1D405●●	Screw clamp terminals	Screw clamp terminals	~	LC1D40A5●●TQ (1)	EverLink	Screw clamp terminals	~
18.5	LC1D406●●	Lug type terminals	Lug type terminals	~	LC1D40A6●●	Lug type terminals	Lug type terminals	~
18.5	LC1D40116●●	Lug type terminals	Lug type terminals	~	LC1D40A6●●	Lug type terminals	Lug type terminals	~
22	LC1D50●●	Screw clamp terminals	Screw clamp terminals	~	LC1D50A●●	EverLink	Screw clamp terminals	~
30	LC1D65●●	Screw clamp terminals	Screw clamp terminals	~	LC1D65A●●	EverLink	Screw clamp terminals	~

4-pole contactors, 60 to 80 A								
Maximum current in AC1	Old reference	Power connection	Control connection	Type of coil	New reference	Power connection	Control connection	Type of coil
60	LC1D40004●●	Screw clamp terminals	Screw clamp terminals	~	LC1DT60A●●	EverLink	Screw clamp terminals	~
60	LC1D400046●●	Lug type terminals	Lug type terminals	~	LC1DT60A6●●	Lug type terminals	Lug type terminals	~
60	LP1D40008●●	Screw clamp terminals	Screw clamp terminals	~	-	-	-	-
60	LP1D400086●●	Lug type terminals	Lug type terminals	~	-	-	-	-
80	LC1D65004●●	Screw clamp terminals	Screw clamp terminals	~	LC1DT80A●●	EverLink	Screw clamp terminals	~
80	LC1D650046●●	Lug type terminals	Lug type terminals	~	LC1DT80A6●●	Lug type terminals	Lug type terminals	~
80	LP1D65008●●	Screw clamp terminals	Screw clamp terminals	~	-	-	-	-
80	LP1D650086●●	Lug type terminals	Lug type terminals	~	-	-	-	-

Coil voltage: example with a 40 A contactor								
Power (kW) at 400 V / AC3	Old reference	Connector plate width	Frequency Hz	Type of coil	New reference	Connector plate width	Frequency Hz	Type of coil
18.5	LC1D40●5	-	50	~	LC1D40A●7	-	50/60	~
18.5	LC1D40●6	-	60	~	LC1D40A●7	-	50/60	~
18.5	LC1D40●7	-	50/60	~	LC1D40A●7	-	50/60	~
18.5	LC1D40●D	Standard	-		LC1D40A●D	Wide	-	
18.5	LC1D40●W	Wide	-		LC1D40A●D	Wide	-	
18.5	LP1D40●D	Standard	-		LC1D40A●D	Wide	-	
18.5	LP1D40●W	Wide	-		LC1D40A●D	Wide	-	

(1) Packed in lots of 10.

3-pole reversing contactors, 40 to 65 A								
Power (kW) at 400 V / AC3	Old reference	Power connection	Control connection	Type of coil	New reference	Power connection	Control connection	Type of coil
18.5	LC2D40●●	Screw clamp terminals	Screw clamp terminals	~	LC2D40A●●	EverLink	Screw clamp terminals	~
18.5	LC2D4011●●	Screw clamp terminals	Screw clamp terminals	~	LC2D40A●●	EverLink	Screw clamp terminals	~
18.5	LC2D405●●	Screw clamp terminals	Screw clamp terminals	~	LC2D40A●●	EverLink	Screw clamp terminals	~
22	LC2D50●●	Screw clamp terminals	Screw clamp terminals	~	LC2D50A●●	EverLink	Screw clamp terminals	~
30	LC2D65●●	Screw clamp terminals	Screw clamp terminals	~	LC2D65A●●	EverLink	Screw clamp terminals	~
4-pole reversing contactors, 60 to 80 A								
Maximum current in AC1	Old reference	Power connection	Control connection	Single and dual frequency coil	New reference			
60	LC2D40004●●	Screw clamp terminals	Screw clamp terminals	~	For customer assembly 2 x LC1 DT60A●● + LAD 4CM			
80	LC2D65004●●	Screw clamp terminals	Screw clamp terminals	~	For customer assembly 2 x LC1 DT80A●● + LAD 4CM			
Star-delta contactors, 40 to 50 A								
Power (kW) at 400 V / AC3	Old reference	Power connection	Control connection	Single and dual frequency coil	New reference			
37	LC3D40●●	Screw clamp terminals	Screw clamp terminals	~	For customer assembly: 3 x LC1 D40A●● + LAD 9SD3 (star-delta kit)			
55	LC3D50●●	Screw clamp terminals	Screw clamp terminals	~	For customer assembly: 3 x LC1 D50A●● + LAD 9SD3 (star-delta kit)			

Coils for ~ contactors, 40 to 65 A

Voltage V	Old reference	Type of current	Frequency Hz	New reference	Type of current	Frequency Hz
12	LX1D6J5	~	50	LXD3J5	~	50
20	LX1D6Z5 or Z6 or Z7	~	50 or 60 or 50/60	-	~	50/60
24	LX1D6B5 or B6 or B7	~	50 or 60 or 50/60	LXD3B7	~	50/60
32	LX1D6C5	~	50	LXD3C7	~	50/60
42	LX1D6 or D5 or D7	~	50 or 50/60	LXD3D7	~	50/60
48	LX1D6E5 or E6 or E7	~	50 or 60 or 50/60	LXD3E7	~	50/60
100	LX1D6K7	~	50/60	LXD3K7	~	50/60
110	LX1D6F5 or F6 or F7	~	50 or 60 or 50/60	LXD3F7	~	50/60
115	LX1D6FE7	~	50/60	LXD3FE7	~	50/60
120	LX1D6G5 or G8 or G7	~	50 or 60 or 50/60	LXD3G7	~	50/60
155	LX1D6GG5	~	50	-	~	50/60
200	LX1D6 L7	~	50/60	LXD3L7	~	50/60
208	LX1D6L6 or LE7	~	60 or 50/60	LXD3LE7	~	50/60
220	LX1D6M5 or M6 or M7	~	50 or 60 or 50/60	LXD3M7	~	50/60
230	LX1D6P5 or P7	~	50 or 50/60	LXD3P7	~	50/60
240	LX1D6U5 or U6 or U7	~	50 or 60 or 50/60	LXD3U7	~	50/60
256	LX1D6W5	~	50	-	~	50/60
277	LX1D6W6	~	60	LXD3W7	~	50/60
380	LX1D6Q5 or Q6 or Q7	~	50 or 60 or 50/60	LXD3Q7	~	50/60
400	LX1D6V5 or V7	~	50 or 50/60	LXD3V7	~	50/60
415	LX1D6N5 or N6 or N7	~	50 or 60 or 50/60	LXD3N7	~	50/60
440	LX1D6R5 or R6 or R7	~	50 or 60 or 50/60	LXD3R7	~	50/60
480	LX1D6T6	~	60	LXD3T7	~	50/60
500	LX1D6S5	~	50	LXD3S7	~	50/60
550	LX1D6SF5	~	50	-	~	50/60
575	LX1D6S7	~	50/60	LXD3SC7	~	50/60
600	LX1D6X6	~	60	LXD3X7	~	50/60
660	LX1D6Y5	~	50	LXD3YC7	~	50/60

Thermal overload relays up to 65 A

Old reference	Setting range Ir	Class	Type	Power connection	New reference	Setting range Ir	Class	Type	Power connection
	A					A			
LRD3306	1...1.6	10	Differential	Screw clamp terminals	LRD06	1...1.6	10A	Differential	Screw clamp terminals
LRD3307	1.6...2.5	10	Differential	Screw clamp terminals	LRD07	1.6...2.5	10A	Differential	Screw clamp terminals
LRD3308	2.5...4	10	Differential	Screw clamp terminals	LRD08	2.5...4	10A	Differential	Screw clamp terminals
LRD3310	4...6	10	Differential	Screw clamp terminals	LRD10	4...6	10A	Differential	Screw clamp terminals
LRD3312	5.5...8	10	Differential	Screw clamp terminals	LRD12	5.5...8	10A	Differential	Screw clamp terminals
LRD3314	7...10	10	Differential	Screw clamp terminals	LRD14	7...10	10A	Differential	Screw clamp terminals
LRD3316	9...13	10	Differential	Screw clamp terminals	LRD313	9...13	10A	Differential	EverLink
LRD3321	12...18	10	Differential	Screw clamp terminals	LRD318	12...18	10A	Differential	EverLink
LRD3322	17...25	10	Differential	Screw clamp terminals	LRD325	17...25	10A	Differential	EverLink
LRD3353	23...32	10	Differential	Screw clamp terminals	LRD332	23...32	10A	Differential	EverLink
LRD3355	30...40	10	Differential	Screw clamp terminals	LRD340	30...40	10A	Differential	EverLink
LRD3357	37...50	10	Differential	Screw clamp terminals	LRD350	37...50	10A	Differential	EverLink
LRD3359	48...65	10	Differential	Screw clamp terminals	LRD365	48...65	10A	Differential	EverLink
LR2D33●●	1...65	10	Differential	Screw clamp terminals	LRD3●●	9...65	10A	Differential	EverLink
LRD33●●A66	1...65	10	Differential	Lug type terminals	LRD3●●6	9...65	10A	Differential	Lug type terminals
LR2D33●●A66	1...65	10	Differential	Lug type terminals	LRD3●●6	9...65	10A	Differential	Lug type terminals
LR2D35●●	17...65	20	Differential	Screw clamp terminals	LRD3●●L	9...65	20	Differential	EverLink
LR3D33●●	17...65	10	Non differential	Screw clamp terminals	LR3D3●●	9...65	10A	Non differential	EverLink
LR3D35●●	17...65	20	Non differential	Screw clamp terminals	-	-	-	-	-

Suppressor modules for contactors, 40 to 65 A

Setting range V	Old reference	Type of current	Type	New reference	Type of current	Type
24 ... 48	LA4DA1E	~	RC circuit	LAD4RC3E	~	RC circuit
110 ... 240	LA4DA1U	~	RC circuit	LAD4RC3U	~	RC circuit
24 ... 48	LA4DA2E	~	RC circuit	LAD4RC3E	~	RC circuit
50 ... 127	LA4DA2G	~	RC circuit	LAD4RC3G	~	RC circuit
380 ... 415	LA4DA2N	~	RC circuit	LAD4RC3N	~	RC circuit
> 24	LA4DB2B	~	Bidirectional peak limiting diode	LAD4T3B	~/≡	Bidirectional peak limiting diode
25 ... 72	LA4DB2S	~	Bidirectional peak limiting diode	LAD4T3G	~/≡	Bidirectional peak limiting diode
> 24	LA4DB3B	≡	Bidirectional peak limiting diode	LAD4T3B	~/≡	Bidirectional peak limiting diode
25 ... 72	LA4DB3S	≡	Bidirectional peak limiting diode	LAD4T3G	~/≡	Bidirectional peak limiting diode
24 ... 250	LA4DC3U	≡	Flywheel diode	LAD4D3U	≡	Flywheel diode
24 ... 48	LA4DE2E	~	Varistor	LAD4V3E	~/≡	Varistor
50 ... 127	LA4DE2G	~	Varistor	LAD4V3G	~/≡	Varistor
110 ... 250	LA4DE2U	~	Varistor	LAD4V3U	~/≡	Varistor
24 ... 48	LA4DE3E	≡	Varistor	LAD4V3E	~/≡	Varistor
50 ... 127	LA4DE3G	≡	Varistor	LAD4V3G	~/≡	Varistor
110 ... 250	LA4DE3U	≡	Varistor	LAD4V3U	~/≡	Varistor

Accessories for contactors and relays, 40 to 65 A

Old reference	Description	New reference	Notes
LA4DT0U	Electronic serial timer module, 0.1 to 2 s. 24...250V	LA4DT0U	Use accessory LAD4BB3
LA4DT2U	Electronic serial timer module, 1.5 to 30 s. 24...250V	LA4DT2U	Use accessory LAD4BB3
LA4DT4U	Electronic serial timer module, 25 to 500 s. 24...250V	LA4DT4U	Use accessory LAD4BB3
LA6DK10B	Mechanical latch block 24 V ~	LAD6K10B	
LA6DK10E	Mechanical latch block 42/48 V ~	LAD6K10E	
LA6DK10F	Mechanical latch block 110/127 V ~	LAD6K10F	
LA6DK10M	Mechanical latch block 220/240 V ~	LAD6K10M	
LA6DK10Q	Mechanical latch block 380/415 V ~	LAD6K10Q	
LA7D03B	Remote electrical reset 24 V	LAD703B	
LA7D03DD	Remote electrical reset 96 V	LAD703DD	
LA7D03E	Remote electrical reset 48 V	LAD703E	
LA7D03F	Remote electrical reset 110 V	LAD703F	
LA7D03J	Remote electrical reset 12 V	LAD703J	
LA7D03M	Remote electrical reset 220/230 V	LAD703M	
LA7D03N	Remote electrical reset 415/440 V	LAD703N	
LA7D03Q	Remote electrical reset 380/400 V	LAD703Q	

Accessories for contactors and relays, 40 to 65 A (continued)			
Old reference	Description	New reference	Notes
LA7D03Q	Remote electrical reset 380/400 V	LAD703Q	
LA7D1020	Adapter for door mounted operator	–	No equivalent - Not necessary with the new range.
LA7D305	Remote control by flexible cable	LAD7305	
LA7D3058	Terminal block adapter for mounting a relay beneath a contactor	–	No equivalent
LA7D3064	Terminal block for clip-on mounting of a relay on 35 mm rail	LAD96560	EverLink terminal block
LA7D901	Stop button locking device	–	No equivalent
LA7D902	Mounting plate	–	No equivalent - Not necessary with the new range.
LA7D903	Marker holder for contactor	LAD90	
LA9D09966	Retrofit coil for 3-pole contactor	LAD4BB3	
LA9D4002	Mechanical interlock for reversing contactors	LAD4CM	
LA9D40961	Link for parallel connection for 2 poles	LAD9P32	
LA9D40963	Link for parallel connection for 4 poles	2 x LAD9P33	
LA9D50978	Kits for assembly of reversing contactors, 40 to 65 A	LAD9R3	
LA9D6567	Control circuit take-off from main pole	–	No equivalent
LA9D6569	Set of power connections for contactor	LA9D65A69	
LA9D92	Marker holder for contactor	LA9D90	
LAD9ET2	Safety cover	LAD9ET1	
XB5 AA86102	Operating head for spring return pushbutton. Reset	XB5 AA86102	Same product
XB5 AL84101	Operating head for spring return pushbutton. Stop	XB5 AL84101	Same product

Thermal-magnetic motor circuit-breakers GV3 ME				
Old reference	Icu / 400 V	New reference	Icu / 400 V	Ir
GV3 ME06	100 kA	GV2 P06	> 100 kA	1...1.6 A
GV3 ME07	100 kA	GV2 P07	> 100 kA	1.6...2.5 A
GV3 ME08	100 kA	GV2 P08	> 100 kA	2.5...4 A
GV3 ME10	100 kA	GV2 P10	> 100 kA	4...6 A
GV3 ME14	100 kA	GV2 P14	> 100 kA	6...10 A
GV3 ME20	100 kA	GV3 P13	100 kA	9...13 A
		GV3 P18	100 kA	12...18 A
GV3 ME25	100 kA	GV3 P25	100 kA	17...25 A
GV3 ME40	35 kA	GV3 P32	100 kA	23...32 A
		GV3 P40	50 kA	30...40 A
GV3 ME63	35 kA	GV3 P50	50 kA	37...50 A
		GV3 P65	50 kA	48...65 A

Magnetic motor circuit-breakers GK3 EF				
Old reference	Icu / 400 V	New reference	Icu / 400 V	Ie
GV3 EF40	50 kA	GV3 L25	100 kA	25 A
		GV3 L32	100 kA	32 A
		GV3 L40	50 kA	40 A
GV3 EF65	35 kA	GV3 L50	50 kA	50 A
		GV3 L65	50 kA	65 A

Enclosed motor circuit-breakers GV3 ME			
Old reference	Type of operator (not included)	New reference	Type of handle included
GV3 CE01	GV1K0●	GV3 PC01	LU9AP11 (black)
		GV3 PC02	LU9AP12 (red)

Contact blocks (1)			
Old reference	For circuit-breaker	New reference	For circuit-breaker
GV3 A01	GV3 ME	GV AE11 or GV AN11	GV2, GV3 P and GV3 L
GV3 A02	GV3 ME	GV AE20 or GV AN20	GV2, GV3 P and GV3 L
GV3 A03	GV3 ME	GV AE1 + GV AN20	GV2, GV3 P and GV3 L
GV3 A05	GV3 ME	GV AE1 + GV AN20	GV2, GV3 P and GV3 L
GV3 A06	GV3 ME	-	-
GV3 A07	GV3 ME	-	-
GV3 A08	GV3 ME	GVA D0110 or GVA D0101	GV2, GV3 P and GV3 L
GV3 A09	GV3 ME	GVA D1010 or GVA D1001	GV2, GV3 P and GV3 L
		GVA ED101 or GVA ED011	GV3 P and GV3 L
GK2 AX10	GK3 EF	GVA E1	GV2, GV3 P and GV3 L
GK2 AX20	GK3 EF	GVA E20 or GVA N20	GV2, GV3 P and GV3 L
GK2 AX50	GK3 EF	GVA E11 or GVA N11	GV2, GV3 P and GV3 L
GK2 AX12	GK3 EF	GVA D1010 or GVA D1001	GV2, GV3 P and GV3 L
		GVA ED101 or GVA ED011	GV2, GV3 P and GV3 L
GK2 AX22	GK3 EF	-	-
GK2 AX52	GK3 EF	-	-

Electric trips (1)			
Old reference	For circuit-breaker	New reference	For circuit-breaker
GV3 B11 (50 Hz)	GV3 ME	GVA U115 or GVA U125	GV2, GV3 P and GV3 L
GV3 B11 (60 Hz)	GV3 ME	GVA U115	GV2, GV3 P and GV3 L
GV3 B22 (50 Hz)	GV3 ME	GVA U225	GV2, GV3 P and GV3 L
GV3 B38	GV3 ME	GVA U385 or GVA U415	GV2, GV3 P and GV3 L
GV3 D11 (50 Hz)	GV3 ME	GVA S115 or GVA S125	GV2, GV3 P and GV3 L
GV3 D11 (60 Hz)	GV3 ME	GVA S115	GV2, GV3 P and GV3 L
GV3 D22 (50 Hz)	GV3 ME	GVA S225	GV2, GV3 P and GV3 L
GV3 D38 (50/60 Hz)	GV3 ME	GVA S385 or GVA S415	GV2, GV3 P and GV3 L

Padlocking devices and external operator (1)			
Old reference	For circuit-breaker	New reference	For circuit-breaker
GV1 V02	GV3 ME	GV2 V03	GV2, GV3 P and GV3 L
GK3 AV01	GK3 EF	GV2 V03	GV2, GV3 P and GV3 L
GK3 AP03	GK3 EF	GV3 AP02	GV3 P and GV3 L

(1) The old references are still available for circuit-breakers GV3 ME80 and GK3 EF80.