

CERTIFICATE OF COMPLIANCE

Certificate Number 20130909-E31519
Report Reference E31519-20071105
Issue Date 2013-SEPTEMBER-10

Issued to: SIEMENS AG
I IA CE CP R&D-VI 4
WERNER-VON-SIEMENS-STRASSE 48
92220 AMBERG GERMANY

**This is to certify that
representative samples of**



MOTOR CONTROLLERS, MAGNETIC - COMPONENT
See Addendum Pages for Model Information

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/UL 508 and CSA-C22.2 No. 14,
Industrial Control Equipment

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Magnetic motor controllers:

Models LZX:RT, followed by 4 or E, followed by 2, 4 or 6, followed by 3, 4 or 5, followed by 002, 003, 005, 006, 009, 012, 015, 017, 018, 020, 022, 024, 28, 034, 036, 048, 052, 060, 110, 506, 512, 524, 548, 560, 615, 675, 720, 730, 740, A03, A05, A06, A09, A12, A15, A17, A18, A20, A22, A24, A34, A36, A48, A52, A60, B10, F03, F05, F06, F09, F12, F18, F24, F36 or F48, may be followed by up to four numbers and / or letters for internal identification.

Model(s) LZX:RT, followed by 1, 2, 3, B, C, D, H, T or S, followed by 1, 3, 5, 7, 8, 9 or H, followed by 4, 5, C, D, K, T or L, followed by 002, 003, 005, 006, 009, 010, 012, 015, 017, 018, 020, 022, 024, 028, 034, 036, 048, 052, 060, 110, 506, 512, 524, 548, 560, 600, 615, 675, 700, 720, 730, 740, A02, A03, A05, A06, A09, A12, A15, A17, A18, A20, A22, A24, A34, A36, A48, A52, A60, B10, F03, F05, F06, F09, F12, F18, F24, F36 or F48, may be followed by up to four numbers and/or letters.

Magnetic motor controllers, derivative forms: Models LZX:RT40009, LZX:RT930021, LZX:RT930023, LZX:RT930024, LZX:RT930039, LZX:RT930041, LZX:RT930042, LZX:RT930043, LZX:RT930044, LZX:RT930045, LZX:RT930046, LZX:RT930052, LZX:RT930057, LZX:RT940009, LZX:RT940016, LZX:RT940021, LZX:RT940022, LZX:RT940023, LZX:RT940024, LZX:RT940025, LZX:RT940026, LZX:RT952000, LZX:RT9H0001, LZX:RT9H0003, LZX:RT9H0004, LZX:RT9H0006, LZX:RT9H0007, LZX:RT9H0008.

(See following pages for Electrical Ratings.)



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Electrical Ratings:

8 A Types (TYPE LZX:RT4 or LZX:RTE – Standard and Bi-Stable coil);
 Contact material 3 or 4 or 5 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	10 A	-	-	6,000	40°C	
250V ac	General Purpose	-	10 A	-	30,000	40°C	
250V ac	General Purpose	-	10 A	-	20,000	85°C	
250V ac	General Purpose	-	10 A	-	30,000	85°C	#2
250V ac	General Purpose	-	-	10 A	30,000	40°C	
250V ac	General Purpose	-	-	10 A	20,000	85°C	
415V ac	General Purpose	-	8 A	-	6,000	70°C	
415V ac	General Purpose	-	-	8 A	6,000	70°C	#4
415V ac	Resistive	-	-	3 A	6,000	70°C	#5
24V dc	General Purpose	-	10 A	-	6,000	85°C	
24V dc	General Purpose	-	-	10 A	6,000	85°C	
30V dc	General Purpose	-	8 A	-	6,000	85°C	
30V dc	General Purpose	-	-	6A	6,000	85°C	#1
250V dc	General Purpose	-	0.28 A	-	6,000	85°C	
250V dc	General Purpose	-	-	0.28 A	6,000	85°C	
250V ac	Motor	-	1/2 HP	-	6,000	85°C	
250V ac	Motor	-	-	1/2 HP	6,000	85°C	
120V ac	Motor	-	1/4 HP	-	6,000	85°C	
120V ac	Motor	-	-	1/4 HP	6,000	85°C	
-	Pilot Duty	-	B300	-	6,000	85°C	
-	Pilot Duty	-	B300	-	6,000	85°C	#2
-	Pilot Duty	-	-	B300	6,000	85°C	
-	Pilot Duty	-	R300	-	6,000	85°C	#1
-	Pilot Duty	-	-	R300	6,000	85°C	#1

Note: All ratings of NO respective NC contact are also suitable for NO of CO respective NC of CO contact.

#1 – Contact material 4 or 5 only

#2 – 1 N.O. tested, 1 N.O. grounded, contact material 4 or 5.

#4 – Contact material 3 for all coil voltages or contact material 4 for Standard DC and Bi-Stable Coils.

#5 – Contact material 4 or 5 only, Standard DC and Bi-Stable Coils.

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

Additional Model Specific Pilot Duty Ratings
 (LZX:RT4 or LZX:RTE – Standard and Bi-Stable coils), contact material 4 or 5)

Maximum Voltage	Load	Contact Rating		Number of Operations	max. Ambient Temperature	
		(NO)	(NC)			
240V ac	Pilot Duty	2.5 A	-	30,000	70°C	
240V ac	Pilot Duty	-	2.5 A	30,000	70°C	
12V dc	Pilot Duty	0.6 A	-	100,000	85°C	#3
24V ac	Pilot Duty	2.0 A	-	100,000	85°C	
24V ac	Pilot Duty	-	2.0 A	100,000	85°C	

Note: All ratings of NO respective NC contact are also suitable for NO of CO respective NC of CO contact.

#3 – L/R = 5 ms

Coils – 2.2 through 110 V dc, 6 through 240 V ac, R/C insulation system (OBJY2), Class 155 (F).

Ambient temperature – Maximum ambient at rating unless otherwise noted is:
 105°C maximum for all ratings 6A or less and intransparent cover,
 85°C maximum for all ratings 8 A or less and intransparent cover,
 70°C maximum for all ratings and all covers.

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

10 A Types (Type LZX:RT1 or LZX:RT2 or LZX:RTB or LZX:RTC - Sensitive Coil only Contact Material 4 or 5 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	10 A	-	-	6,000	85°C	
250V ac	General Purpose	-	10 A	-	6,000	85°C	
250V ac	General Purpose	-	-	10 A	6,000	85°C	
250V ac	General Purpose	-	10 A	-	30,000	40°C	
250V ac	General Purpose	-	-	10 A	30,000	40°C	
400V ac	Pilot Duty	-	2 A	-	6,000	40°C	
-	Pilot Duty	-	R150	-	6,000	40°C	#1
380V ac	Pilot Duty	-	0.95 A	-	6,000	40°C	#1
24 V dc	General Purpose, Resistive	5 A	-	-	100,000	70°C	
24 V dc		-	5 A	-	100,000	70°C	
24 V dc		-	-	5 A	100,000	70°C	
24V dc	Pilot Duty	-	3 A	-	10,000	60°C	
48V dc	Pilot Duty	-	0.5 A	-	10,000	60°C	
125V dc	Pilot Duty	-	0.3 A	-	10,000	60°C	
250V dc	Pilot Duty	-	0.2 A	-	10,000	60°C	

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

Note: #1 – Design Type 1 or 2 only

10 A Types (Type LZX:RT1 or LZX:RT2 or LZX:RT3 – Sensitive Coil only, Contact Material 3 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	10 A	-	-	6,000	85°C	60Hz
250V ac	General Purpose	-	10 A	-	20,000	85°C	60Hz
250V ac	General Purpose	-	10 A	-	100,000	40°C	50Hz
250V ac	General Purpose	-	-	10 A	6,000	85°C	60Hz

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

12 A Types (Type LZX:RT1 or LZX:RT2 or LZX:RTB or LZX: RTC - Standard or Bi-Stable Coil only, Contact Material 4 or 5 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	12 A	-	-	6,000	85°C	
250V ac	General Purpose	-	12 A	-	50,000	85°C	
250V ac	General Purpose	-	-	12 A	30,000	85°C	
240V ac	Resistive	-	-	0.2 A	100,000	70°C	#1
120V ac	Resistive	-	5 A	-	100,000	70°C	#1
120V ac	FLA / LRA	-	10A / 60A	-	30,000	85°C	
480V ac	FLA / LRA	-	0.41 A / 0.8 A	-	100,000	70°C	#1
240V ac	FLA / LRA	-	2A / 6A	-	100,000	70°C	#1
120V ac	FLA / LRA	-	7.2 A / 14.4 A	-	100,000	70°C	#1
24V dc	General Purpose	8 A	-	-	100,000	85°C	
24V dc	Resistive	-	8 A	-	100,000	85°C	
24V dc		-	-	8 A	100,000	85°C	
240V ac	Pilot Duty	-	1 A	-	100,000	70°C	
240V ac	Pilot Duty	-	2.5 A	-	30,000	70°C	#1
120V ac	Pilot Duty	-	5 A	-	6,000	70°C	#1
120V ac	Pilot Duty	-	2 A	-	30,000	70°C	#1
24V dc	Pilot Duty	3 A	-	-	100,000	85°C	
24V dc		-	3 A	-	100,000	85°C	
24V dc		-	-	3 A	100,000	85°C	
24 Vdc	Pilot Duty	-	1 A	1 A	10,000	40°C	#4
48 Vdc	Pilot Duty	-	0.5 A	0.5 A	10,000	40°C	#4
125 Vdc	Pilot Duty	-	0.3 A	0.3 A	10,000	40°C	#4
250 Vdc	Pilot Duty	-	0.2 A	0.2 A	10,000	40°C	#4
250 Vac	General Purpose	-	16 A		10,000	65°C	#D C
250 Vac	General Purpose	-		16 A	10,000	65°C	#D C
250 Vac	General Purpose	-	16 A		10,000	45°C	#A C
250 Vac	General Purpose	-		16 A	10,000	45°C	#A C

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

Note: #1 – Design Type 1 or 2 only

#4 – 40ms L/R

#DC – For DC Coils only

#AC – For AC Coils only

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

12 A Types (Type LZX:RT1 or LZX:RT2 – Standard or Bi-Stable Coil only, Contact Material 3 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	12 A	-	-	6,000	85°C	60H Z
250V ac	General Purpose	-	12 A	-	50,000	85°C	60H Z
250V ac	General Purpose	-	-	12 A	40,000	85°C	60H Z

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

16 A Types (Type LZX:RT3 or LZX:RTD - Standard or Bi-Stable Coil only, Contact Material 4 or 5 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	16 A	-	-	6,000	40°C	
250V ac	General Purpose	-	16 A	-	6,000	40°C	
250V ac	General Purpose	-	-	16 A	6,000	40°C	
250V ac	General Purpose	-	16 A	-	50,000	85°C	#2
250V ac	Resistive	-	16 A	-	100,000	105°C	#3
250V ac	General Purpose	-	20 A	-	6,000	85°C	
250V ac	General Purpose	-	-	20 A	6,000	85°C	#1
250V ac	Resistive	-	20 A	-	6,000	85°C	
240V ac	Resistive	-	12.5	-	100,000	105°C	
240V ac	FLA / LRA	-	2 A / 12 A	-	30,000	75°C	#1
480V ac	FLA / LRA	-	4.5 A / 13.1A	-	100,000	70°C	#1
250V ac	FLA / LRA	-	10 A / 60A	-	6,000	40°C	

Note: #2 – Design Type 3 only, Standard coil only
 #3 – near-zero-crossing see CoA No6 for details
 #1 – Design Type 3 only

Ratings of Table 12 A Types are suitable, too.
 All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

16 A Types (Type LZX:RT3 – Standard or Bi-Stable Coil only, Contact Material 3 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	16 A	-		6,000	40°C	60Hz
250V ac	General Purpose	-	16 A		50,000	85°C	60Hz
250V ac	General Purpose	-	-	16 A	6,000	40°C	60Hz

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

Additional Rating for Standard or Bi-Stable Coil
 [Only for LZX:RT (1;2;3;B;C;D;H) (1;3;5) (4;5)]

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
240V ac	Motor	-	-	3/4 hp	1,000	40°C	
120V ac	Motor	-	-	1/3 hp	1,000	40°C	
240V ac	Motor	-	1 hp	-	1,000	40°C	
120V ac	Motor	-	1/2 hp	-	1,000	40°C	
240V ac	Motor	3/4 hp	-	-	1,000	40°C	
120V ac	Motor	1/3 hp	-	-	1,000	40°C	
-	Pilot Duty	B300	-	-	6,000	40°C	
-	Pilot Duty	-	B300	-	6,000	40°C	
-	Pilot Duty	-	--	B300	6,000	40°C	
-	Pilot Duty	-	A300	-	6,000	40°C	

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

Additional Rating for Sensitive Coil
 [Only for LZX:RT (1;2;B;C) (7;8;9) (4;5)]

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature
		(CO)	(NO)	(NC)		
240V ac	Motor	-	-	1/2 hp	1,000	40°C
120V ac	Motor	-	-	1/4 hp	1,000	40°C
240V ac	Motor	-	3/4 hp	-	1,000	40°C
120V ac	Motor	-	1/3 hp	-	1,000	40°C
240V ac	Motor	1/2 hp	-	-	1,000	40°C
120V ac	Motor	1/4 hp	-	-	1,000	40°C
-	Pilot Duty	B300	-	-	6,000	40°C
-	Pilot Duty	-	B300	-	6,000	40°C
-	Pilot Duty	-	-	B300	6,000	40°C
-	Pilot Duty	-	R150	-	6,000	40°C

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

12 A INRUSH Type (Type LZX:RT1 or LZX:RT2 – Standard DC or Bi-Stable Coil only,
 intransparent cover only, Contact material L only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature
		(CO)	(NO)	(NC)		
250V ac	General Purpose	12 A	-	-	6,000	85°C
250V ac	General Purpose	-	12 A	-	6,000	85°C
250V ac	General Purpose	-	-	12 A	6,000	85°C

Note: All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

16 A INRUSH Type (Type LZX:RT3 or LZX:RTD – Standard DC or Bi-Stable Coil only, intransparent cover only, Contact material K or L only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	20 A	-	-	6,000	40°C	#K
250V ac	General Purpose	-	-	20 A	6,000	40°C	#K
250V ac	General Purpose	16 A	-	-	6,000	40°C	
250V ac	General Purpose	-	16 A	-	6,000	40°C	
250V ac	General Purpose	-	-	16 A	6,000	40°C	
250V ac	General Purpose	-	-	16 A	6,000	85°C	#L
240V ac	Resistive	16 A	-	-	6,000	85°C	#BC
240V ac	Resistive	-	16 A	-	6,000	85°C	#BC
240V ac	Resistive	-	-	16 A	6,000	85°C	#BC
240V ac	Resistive	-	16 A	-	30,000	85°C	#K
250V ac	Resistive	-	16 A	-	50,000	85°C	#L
277V ac	Resistive	-	20 A	-	10,000	40°C	#K
277V ac	General Purpose	-	20 A	-	10,000	40°C	#K
250V ac	Motor	-	1 hp	-	30,000	70°C	#L
277V ac	Motor	-	-	1 hp	6,000	85°C	#L
120V ac	Motor	-	1/2 hp	-	20,000	85°C	#L
480V ac	Discharge Lamps (Standard Ballast)	-	2160VA (4.5 A)	-	6,000	85°C	#L
480V ac	Discharge Lamps (Standard Ballast)	-	-	1800VA (3.75A)	30,000	65°C	#L60
480V ac	Tungsten	-	-	1000VA	6,000	65°C	#L60
240V ac	Tungsten	-	1400W	-	6,000	85°C	#L
120V ac	Tungsten	-	1000W	-	6,000	40°C	#L60
120V ac	Discharge Lamps (Standard Ballast)	-	1000W	-	6,000	40°C	#L60
277V ac	Discharge Lamps (Standard Ballast)	-	1800W	-	6,000	40°C	#L60

Note: #K – Contact material K only (Design Type 3 only)
 #L – Contact material L only, (Design Type 3 only)
 #L60 - Contact material L only, (Design Type 3 only), 60Hz only
 #BC – BOTH Contact materials (K or L) are suitable (Design Type 3 only)
 All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

16 A HIGH INRUSH Type (Type LZXR:RTT or LZXR:RTS – Standard DC or Bi-Stable Coil only, intransparent cover only, Contact material T or L only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	-	16 A	-	6,000	40°C	#TT
250V ac	General Purpose	-	16 A	-	6,000	85°C	#ST
250V ac	Resistive	-	16 A	-	6,000	85°C	#BD
250V ac	Resistive	-	16 A	-	50,000	85°C	#SL
250V ac	General Purpose	-	12 A	-	6,000	85°C	#BD
240V ac	TV-Rating	-	TV-5	-	25,000	40°C	
240V ac	TV-Rating	-	TV-8	-	25,000	40°C	#SL
240V ac	Motor	-	1.5 hp	-	30,000	70°C	#SL
120V ac	Motor	-	1/2 hp	-	30,000	70°C	#SL
250V ac	General Purpose	-	20 A	-	20,000	70°C	#SL
120V ac	Tungsten	-	1200W	-	6,000	50°C	#ST60
277V ac	Tungsten	-	1200W	-	6,000	50°C	#ST60
120V ac	Discharge Lamps (Standard Ballast)	-	620VA (5.2A)	-	6,000	50°C	#ST60
277V ac	Discharge Lamps (Standard Ballast)	-	620VA (2.24A)	-	6,000	50°C	#ST60
250V ac	Discharge Lamps (Standard Ballast)	-	2500VA (10A)	-	6,000	85°C	#SL
120V ac	Discharge Lamps (Standard Ballast)	-	960VA (8A)	-	6,000	85°C	#ST
277V ac	Discharge Lamps (Standard Ballast)	-	1000W	-	15,000	80°C	#ST60
277V ac	Electronic Ballast	-	3 A	-	15,000	80°C	#ST60
120V ac	Electronic Ballast	-	5 A	-	15,000	80°C	#ST60

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

Note: #SL – Design Type S only, Contact material L only
 #ST – Design Type S only, Contact material T only
 #ST60 – Design Type S only, Contact material T only, 60Hz only
 #TT – Design Type T only, Contact material T only
 #BD – BOTH Design Types (S or T) are suitable; Contact material T only

(Electrical Ratings continued on following page.)



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CERTIFICATE OF COMPLIANCE

Certificate Number 20130909-E31519
Report Reference E31519-20071105
Issue Date 2013-SEPTEMBER-10

Electrical Ratings (cont'd.)

16 A HOT Type (Type LZX:RTH – Standard DC Coil only, intransparent cover only,
Contact material 4 or 5 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature
		(CO)	(NO)	(NC)		
250V ac	Resistive	-	-	16 A	30,000	105°C
250V ac	Resistive	-	-	10 A	100,000	105°C
250V ac	Resistive	-	16 A	-	30,000	105°C
250V ac	Resistive	-	10 A	-	100,000	105°C
250V ac	Resistive	-	17 A	-	20,000	100°C
250V ac	General Purpose	16 A	-	-	6,000	105°C
250V ac	General Purpose	-	16 A	-	6,000	105°C
250V ac	General Purpose	-	-	16 A	6,000	105°C
250V ac	General Purpose	10 A	-	-	10,000	105°C
250V ac	General Purpose	-	10 A	-	10,000	105°C
250V ac	General Purpose	-	-	10 A	10,000	105°C
250V ac	General Purpose	-	20 A	-	6,000	85°C
250V ac	Resistive	-	20 A	-	6,000	85°C
250V ac	General Purpose	-	15 A	-	100,000	105°C

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

16 A HOT Type (Type LZX:RTH – Standard DC Coil only, intransparent cover only,
Contact material 3 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature
		(CO)	(NO)	(NC)		
250V ac	General Purpose	16 A	-	-	6,000	105°C
250V ac	General Purpose	-	16 A	-	6,000	105°C
250V ac	General Purpose	-	-	16 A	6,000	105°C

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

16 A HOT Type (Type LZX:RTH – Standard DC Coil only, intransparent cover only,
Contact material L only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature
		(CO)	(NO)	(NC)		
250V ac	Resistive	-	16 A	-	50,000	105°C

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

10 A HOT Type (Type LZX:RTH – Sensitive DC coil only, intransparent cover only, Contact material 4 or 5 only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature
		(CO)	(NO)	(NC)		
250V ac	General Purpose	10 A	-	-	6,000	105°C
250V ac	General Purpose	-	10 A	-	6,000	105°C
250V ac	General Purpose	-	-	10 A	6,000	105°C
-	Pilot Duty	-	C150	-	6,000	105°C
-	Pilot Duty	-	R150	-	6,000	105°C

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

12 A BIFURCATED-CONTACT (Low-Level) Type (Type LZX:RT 1;2;B;C) 7D – High Sensitive DC Coil only, Contact material D only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	12 A	-	-	10,000	85°C	#1
250V ac	General Purpose	-	12 A	-	10,000	85°C	#1
250V ac	General Purpose	-	-	12 A	10,000	85°C	#1
250V ac	General Purpose	12 A	-	-	6,000	40°C	
250V ac	General Purpose	-	12 A	-	6,000	40°C	#5
250V ac	General Purpose	-	-	12 A	6,000	40°C	#7
250V ac	General Purpose	-	12 A	-	6,000	85°C	#5
250V ac	General Purpose	-	5 A	-	100,000	85°C	#5

Note: #1 - Design Type 1 or 2 only
 #5 – N.O. Contact of C.O. Contact only
 #7 - N.C. Contact of C.O. contact only

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

(Electrical Ratings continued on following page.)



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Electrical Ratings (cont'd.)

16 A BIFURCATED-CONTACT (High-Current) Type (Type LZXR:RT31C or LZXR:RTD1C – Standard DC Coil only, Contact material C only)

Maximum Voltage	Load	Contact Rating			Number of Operations	max. Ambient Temperature	
		(CO)	(NO)	(NC)			
250V ac	General Purpose	16A	-	-	6,000	40°C	
250V ac	General Purpose	-	16A	-	6,000	40°C	#5
250V ac	General Purpose	-	-	16A	6,000	40°C	#7
250V ac	General Purpose		16A	-	50,000	85°C	#6
250V ac	General Purpose		16A	-	6,000	85°C	#5

Note: #5 - N.O. Contact of C.O. Contact only
 #6 - Design Type 3 only, N.O. Contact of C.O. Contact only
 #7 – N.C. Contact of C.O. contact only

All ratings of NO resp. NC contact are also suitable for NO of CO resp. NC of CO contact.

Coils – 3 through 110 V dc, 6 through 240 V ac.

High Sensitive Coils (with low power consumption - 200mW) – 3, 5, 6, 9, 10,12, 15, 18, 24, 36, 48, 60 V dc

Sensitive Coils (with low power consumption – 250mW) - 5, 6, 9, 12, 18, 20, 24, 36, 48, 60 V dc.

R/C Insulation System (OBJY2) Class 155 (F).

NOTE: All ratings are suitable for 85°C ambient unless otherwise noted.



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