

Resistor connection:
 Marked RB1 / RB2
 Type: PHOENIX G10/2
 IEC: 0,5 - 10 mm² / 800V
 UL: AWG 20 - 6 / 600V
 Wire Stripping: 12 mm (0.47 in)
 Torque: 1.5-1.8 Nm (13.28-15.94 lb-in)

Thermo Switch Connection:
 Marked: T1/T2
 Type: PHOENIX G5/2 with Screw Connection.
 IEC: 0, 2-4 mm² / 500V
 UL: AWG 24 -12 / 300V
 Wire Stripping: 8 mm (0.31 in)
 Torque: 0.7 Nm (6.2 lb-in)

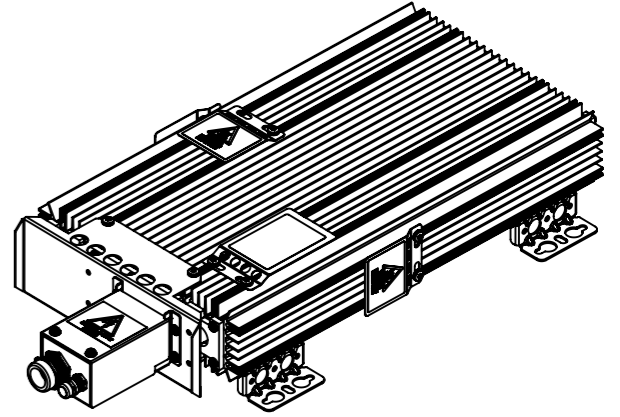
For temperature Switch Cable:
 Clamping Range: 3.5-7.0 mm (0.14-0.28 lb-in)
For resistor cable:
 Cable gland with internal connection for braid
 Clamping Range: 9.0-16.5 mm (0.35-0.65 lb-in)

7	Typecode	Ohm	L±2 mm	L±0.08 in	L1±2 mm	L1±0.04 in	Weight kg	Center of mass mm		
								X	Y	Z
175U3032	MCE101A42R0P1K70E21TAW	42	460	18.11	360	14.17	9.2	159	117	59
175U3037	MCE101A31R0P1K70E21TAW	31	460	18.11	360	14.17	9.2	159	117	59
175U3039	MCE101A28R0P1K40E21TAW	28	400	15.75	300	11.81	8.2	129	117	59
175U3043	MCE101A27R0P2K20E21TAW	27	560	22.05	460	18.11	11	209	117	59
175U3047	MCE101A22R0P1K70E21TAW	22	460	18.11	360	14.17	9.2	159	117	59
175U3049	MCE101A19R0P2K20E21TAW	19	560	22.05	460	18.11	11	209	117	59
175U3055	MCE101A14R0P2K80E21TAW	14	660	25.98	560	22.05	12.8	259	118	59
175U3061	MCE101A12R0P3K20E21TAW	12	760	29.92	660	25.98	14.6	309	118	59
175U3073	MCE101A5R70P1K40E21TAW	5.7	400	15.75	300	11.81	8.2	129	117	59
175U3080	MCE101A3R50P2K20E21TAW	3.5	560	22.05	460	18.11	11	209	117	59
175U3086	MCE101A2R80P3K20E21TAW	2.8	760	29.92	660	25.98	14.6	309	118	59
175U3106	MCE101A145RP2K20E21TAW	145	560	22.05	460	18.11	11	209	117	59
175U3122	MCE101A200RP1K70E21TAW	200	460	18.11	360	14.17	9.2	159	117	59
175U3126	MCE101A145RP1K70E21TAW	145	460	18.11	360	14.17	9.2	159	117	59
175U3130	MCE101A110RP2K20E21TAW	110	560	22.05	460	18.11	11	209	117	59
175U3132	MCE101A105RP3K20E21TAW	105	760	29.92	660	25.98	14.6	309	118	59
175U3138	MCE101A80R0P2K20E21TAW	80	560	22.05	460	18.11	11	209	117	59
175U3140	MCE101A72R0P2K80E21TAW	72	660	25.98	560	22.05	12.8	259	118	59
175U3146	MCE101A56R0P2K80E21TAW	56	660	25.98	560	22.05	12.8	259	118	59
175U3152	MCE101A48R0P1K40E21TAW	48	400	15.75	300	11.81	8.2	129	117	59
175U3160	MCE101A35R0P1K70E21TAW	35	460	18.11	360	14.17	9.2	159	117	59
175U3168	MCE101A27R0P2K20E21TAW	27	560	22.05	460	18.11	11	209	117	59
175U3172	MCE101A18R0P3K20E21TAW	18	760	29.92	660	25.98	14.6	309	118	59
175U3410	MCE101A27R0P1K40E21TAW	27	400	15.75	300	11.81	8.2	129	117	59
175U3412	MCE101A18R0P2K20E21TAW	18	560	22.05	460	18.11	11	209	117	59
175U3414	MCE101A13R0P3K20E21TAW	13	760	29.92	660	25.98	14.6	309	118	59
175U3424	MCE101A110RP1K70E21TAW	110	460	18.11	360	14.17	9.2	159	117	59
175U3428	MCE101A56R0P3K20E21TAW	56	760	29.92	660	25.98	14.6	309	118	59
175U3438	MCE101A100RP2K20E21TAW	100	560	22.05	460	18.11	11	209	117	59
175U3440	MCE101A72R0P3K20E21TAW	72	760	29.92	660	25.98	14.6	309	118	59
175U3446	MCE101A5R70P1K40E21TAW	5.7	400	15.75	300	11.81	8.2	129	117	59
175U3448	MCE101A3R50P2K80E21TAW	3.5	660	25.98	560	22.05	12.8	259	118	59
175U3460	MCE101A38R0P1K40E21TAW	38	400	15.75	300	11.81	8.2	129	117	59
175U3462	MCE101A19R0P2K80E21TAW	19	660	25.98	560	22.05	12.8	259	118	59
175U3464	MCE101A14R0P3K20E21TAW	14	760	29.92	660	25.98	14.6	309	118	59
175U3468	MCE101A52R0P1K40E21TAW	52	400	15.75	300	11.81	8.2	129	117	59
175U3470	MCE101A31R0P2K20E21TAW	31	560	22.05	460	18.11	11	209	117	59
175U3472	MCE101A27R0P2K80E21TAW	27	660	25.98	560	22.05	12.8	259	118	59
175U3479	MCE101A22R0P3K20E21TAW	22	760	29.92	660	25.98	14.6	309	118	59
175U3483	MCE101A5R70P1K70E21TAW	5.7	460	18.11	360	14.17	9.2	159	117	59

Name plate:
VLT® MCE101 Brake Resistor
www.danfoss.com
T/C: MCE101xxxxxPxxxxE21TAW
P/N: 175Uxxxx S/N: 456001-443
 xxxR±10% Average power: xxxkW
 xxxkW/xxxxW@ 10%/40% duty cycle of 30s
 NEMA 1/IP21 Tamb.= 40°C xxxkg

175Uxxxx456001-443
 MADE IN DENMARK

CBT-Hxxx DHT 914 xxxR KT
 Zxxxxxx914 Pr.no:123456



Danfoss A/S
 Power Electronics Division
 Ulsnæs 1, 6300 Graasten
 Denmark

MCE 101 Brake Resistor
xxR ± 10% 914 IP21/20
175C0633

Material: T:\sw\kute\KUTETEGN\
 Path: T:\sw\kute\KUTETEGN\
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Weight (g)	Date	Creator:	Approved:	Scale
-	27.08.2010	OC		1:3
Tolerance: -		File: 914CBT-HxxxDHT		
No.:	Last Revision:	Rev Date:	By:	Paper size:
7	Name pl. + Cent. of mass	11.11.2013	SAPU	A3
Any amendment must be confirmed by DANOTHERM ELECTRIC A/S				
Drawing No.:			Sheet:	
914CBT-HxxxDHT			1 of 1	