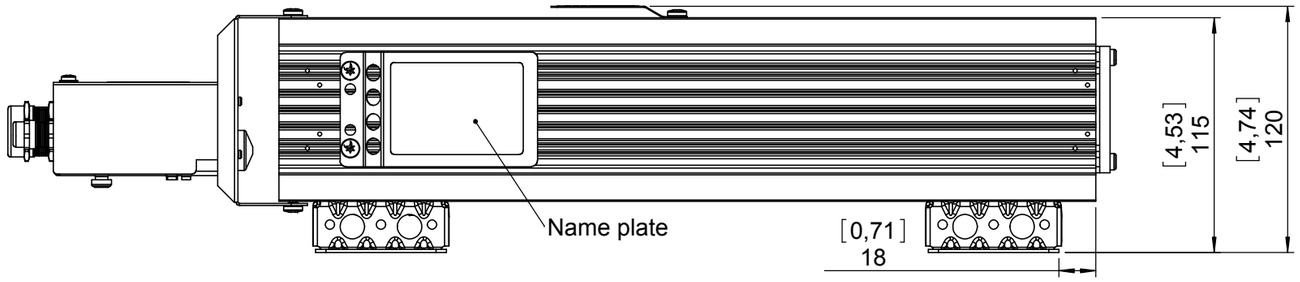
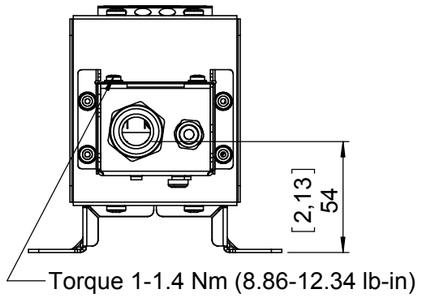


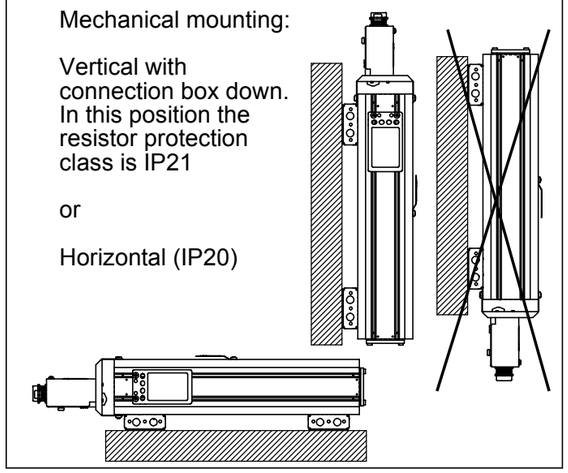


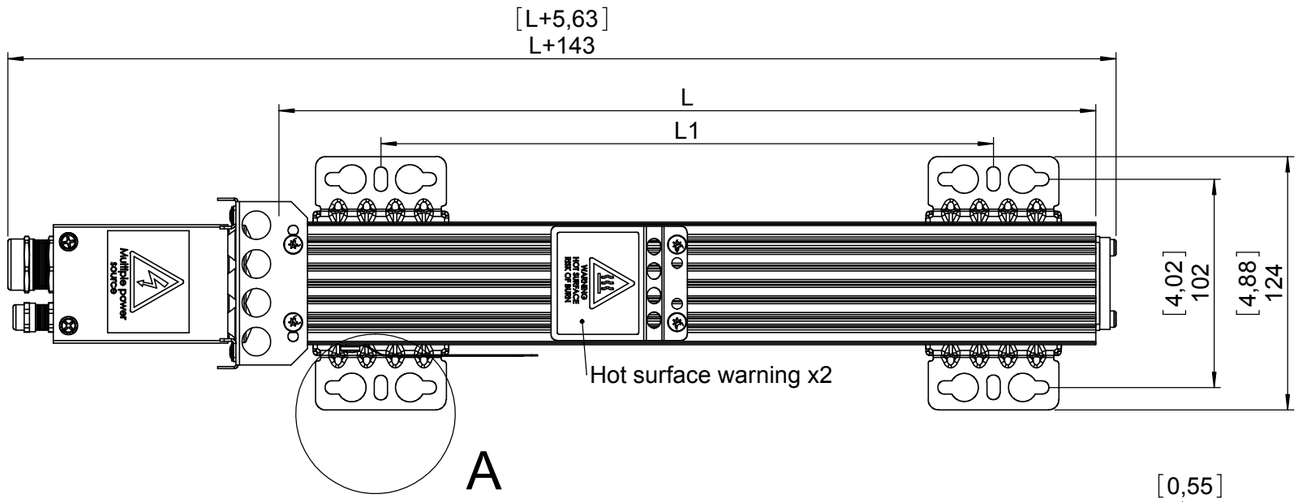
Mechanical mounting:

Vertical with connection box down. In this position the resistor protection class is IP21

or

Horizontal (IP20)





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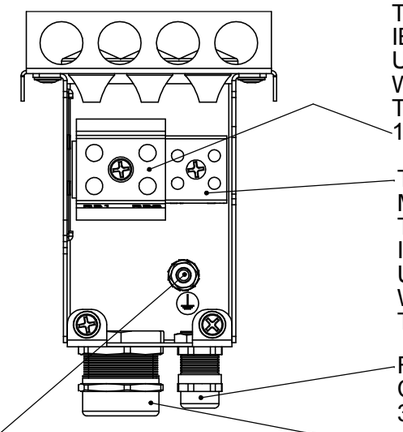


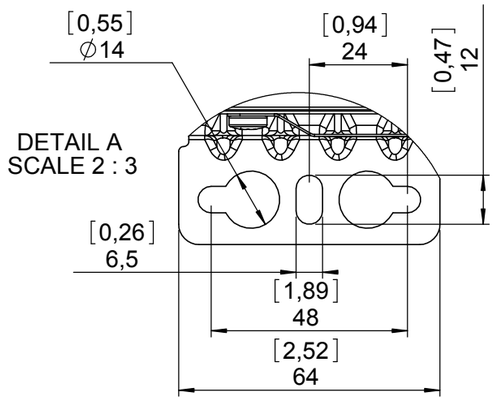
Resistor connection:
Marked RB1 / RB2
Type: PHOENIX G10/2
IEC: 0,5 - 10 mm² / 800V
UL: AWG 20 - 6 / 600V
Wire Stripping: 12mm (0.47 in)
Torque:
1.5-1.8Nm (13.28-15.94 lb-in)

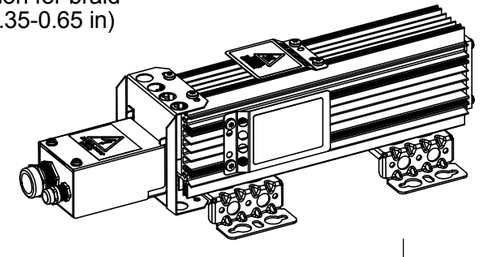
Thermo switch connection:
Marked: T1/T2
Type: PHOENIX G5/2 with Screw Connection.
IEC: 0,2-4 mm² / 500V
UL: AWG 24 -12 / 300V
Wire Stripping: 8 mm (0.31 in)
Torque: 0.7 Nm (6.2 lb-in)

For temperature Switch Cable
Clamping Range:
3.5-7.0 mm (0.14-0.28 in)

For resistor cable:
Cable gland with internal connection for braid
Clamping Range: 9.0-16.5 mm (0.35-0.65 in)

PE M5
Torque 2-2.7 Nm
(17.71-23.91 lb-in)





Danfoss code	Typecode	Ohm	L±2 mm	L±0.08 in	L1±2 mm	L1±0.04 in	Weight kg
175U3009	MCE101A200RP360RE21TAW	200	210	8,27	110	4,33	1.8
175U3012	MCE101A145RP450RE21TAW	145	260	10,24	160	6,30	2.4
175U3014	MCE101A145RP280RE21TAW	145	160	6,30	70	2,76	1.3
175U3017	MCE101A110RP360RE21TAW	110	210	8,27	110	4,33	1.8
175U3019	MCE101A105RP570RE21TAW	105	330	12,99	230	9,06	3
175U3022	MCE101A80R0P450RE21TAW	80	260	10,24	160	6,30	2.4
175U3024	MCE101A72R0P960RE21TAW	72	560	22,05	460	18,11	4.6
175U3027	MCE101A56R0P960RE21TAW	56	400	15,75	300	11,81	3.5
175U3029	MCE101A52R0P1K29E21TAW	52	760	29,92	660	25,98	6.1
175U3034	MCE101A38R0P1K13E21TAW	38	660	25,98	560	22,05	5.4
175U3041	MCE101A27R0P280RE21TAW	27	160	6,30	70	2,76	1.3
175U3053	MCE101A18R0P360RE21TAW	18	260	10,24	160	6,30	2.4
175U3059	MCE101A13R0P570RE21TAW	13	400	15,75	300	11,81	3.5
175U3068	MCE101A9R00P2K00E21TAW	9	660	25,98	560	22,05	5.4
175U3102	MCE101A1K20P360RE21TAW	1200	210	8,27	110	4,33	1.8
175U3104	MCE101A850RP280RE21TAW	850	160	6,30	70	2,76	1.3
175U3108	MCE101A630RP360RE21TAW	630	210	8,27	110	4,33	1.8
175U3110	MCE101A570RP360RE21TAW	570	330	12,99	230	9,06	3
175U3112	MCE101A415RP790RE21TAW	415	460	18,11	360	14,17	3.9
175U3114	MCE101A410RP570RE21TAW	410	330	12,99	230	9,06	3
175U3116	MCE101A270RP790RE21TAW	270	460	18,11	360	14,17	3.9
175U3118	MCE101A270RP1k13E21TAW	270	660	25,98	560	22,05	5.4
175U3120	MCE101A200RP1k13E21TAW	200	660	25,98	560	22,05	5.4
175U3124	MCE101A145RP450RE21TAW	145	260	10,24	160	6,30	2.4
175U3136	MCE101A100RP570RE21TAW	100	330	12,99	230	9,06	3
175U3144	MCE101A70R0P790RE21TAW	70	460	18,11	360	14,17	3.9
175U3402	MCE101A100RP450RE21TAW	100	260	10,24	160	6,30	2.4
175U3404	MCE101A70R0P570RE21TAW	70	330	12,99	230	9,06	3
175U3406	MCE101A48R0P960RE21TAW	48	560	22,05	460	18,11	4.6
175U3408	MCE101A35R0P1K13E21TAW	35	660	25,98	560	22,05	5.4
175U3416	MCE101A410RP450RE21TAW	410	260	10,24	160	6,30	2.4
175U3418	MCE101A270RP570RE21TAW	270	330	12,99	230	9,06	3
175U3420	MCE101A200RP960RE21TAW	200	560	22,05	460	18,11	4.6
175U3422	MCE101A145RP1K13E21TAW	145	660	25,98	560	22,05	5.4
175U3430	MCE101A570RP450RE21TAW	570	260	10,24	160	6,30	2.4
175U3432	MCE101A470RP570RE21TAW	415	330	12,99	230	9,06	3
175U3434	MCE101A270RP960RE21TAW	270	560	22,05	460	18,11	4.6
175U3436	MCE101A200RP1K13E21TAW	200	660	25,98	560	22,05	5.4
175U3442	MCE101A18R0P570RE21TAW	18	330	12,99	230	9,06	3
175U3450	MCE101A110RP450RE21TAW	110	260	10,24	160	6,30	2.4
175U3452	MCE101A80R0P570RE21TAW	80	330	12,99	230	9,06	3
175U3456	MCE101A72R0P680RE21TAW	72	400	15,75	300	11,81	3.5
175U3458	MCE101A52R0P1K13E21TAW	52	660	25,98	560	22,05	5.4
175U3466	MCE101A72R0P1K13E21TAW	72	660	25,98	560	22,05	5.4
175U3477	MCE101A27R0P360RE21TAW	27	210	8,27	110	4,33	1.8
175U3481	MCE101A105RP790RE21TAW	105	460	18,11	360	14,17	3.9

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

MCE 101 Brake Resistor
xxR ± 10% 914 IP21
175C0630

Weight (g)	Date	Creator:	Approved:	Scale
-	01.08.2010	OC	PM	1:3
Tolerance:	-	File:	914CBR-VxxxDT	

No.:	Last Revision:	Rev Date:	By:	Paper size:
				A3

Any amendment must be confirmed by DANOTHERM ELECTRIC A/S

Material:

Path: T:\sw\kute\KUTETEGN\

Drawing No.: **914CBR-VxxxDT**

Sheet: 1 of 1

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