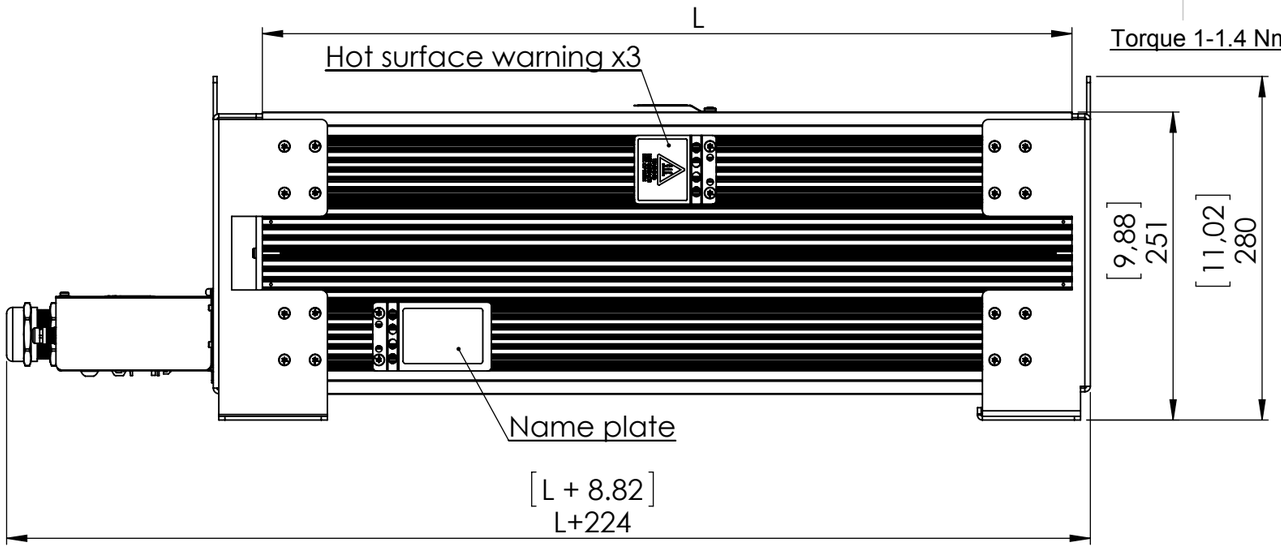
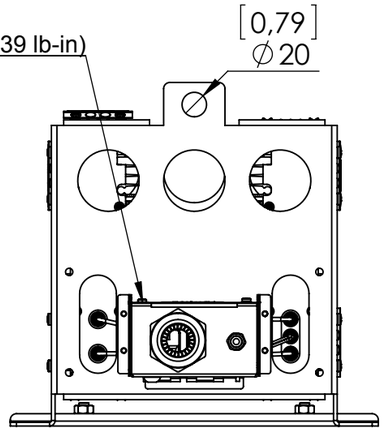


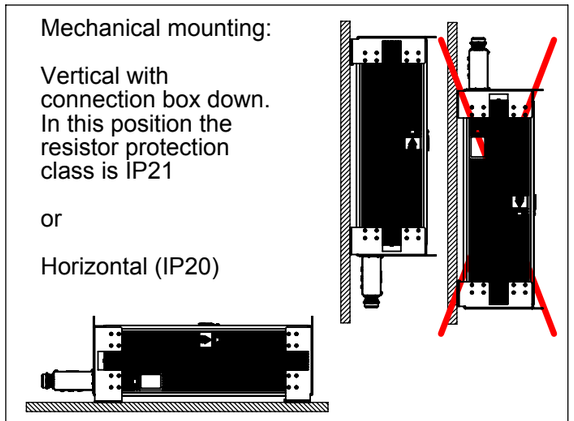


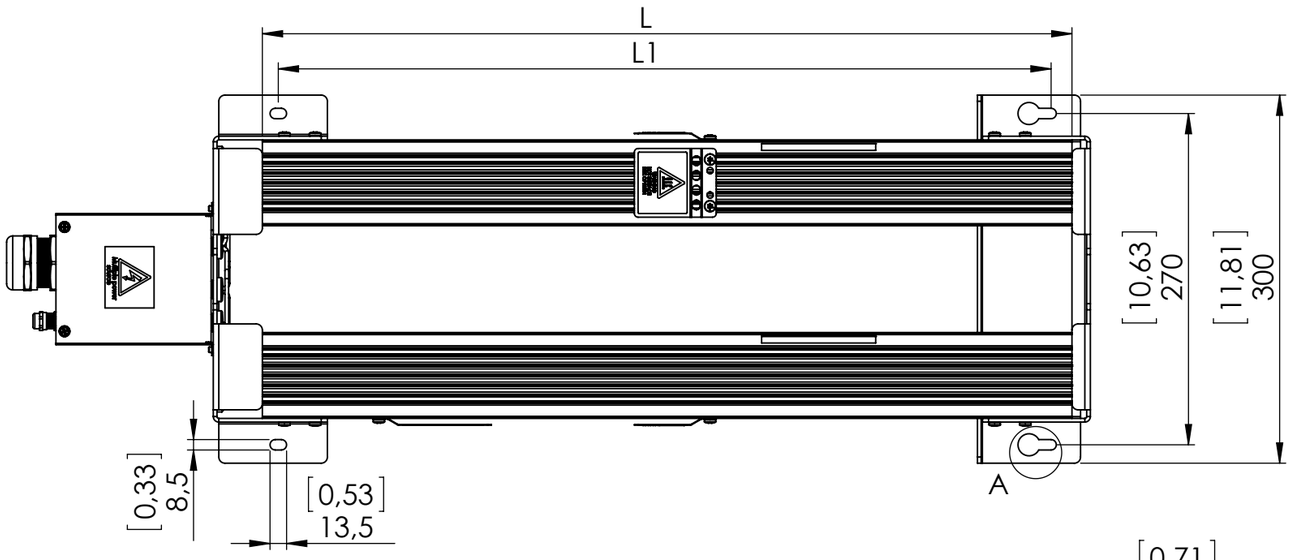
Mechanical mounting:

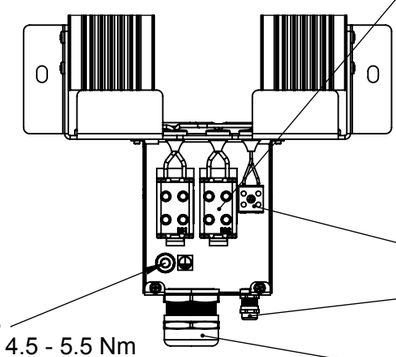
Vertical with connection box down. In this position the resistor protection class is IP21

or

Horizontal (IP20)







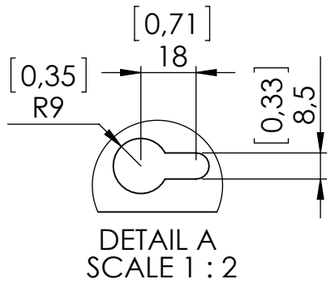
Resistor connection:
Marked RB1 / RB2
Type: ENSTO KE 66
IEC: Cu 2.5- 50mm²; Al:6-50mm²/ 750V
UL: AWG 6 - 1/0 / 600V
Wire stripping: 23mm(0.9 in)
Torque: 10 Nm(88.51 lb-in)

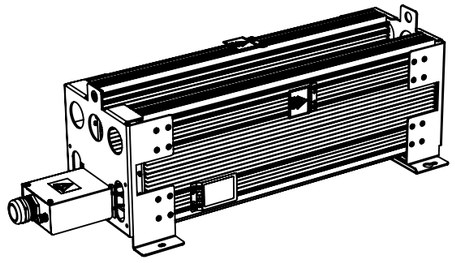
Thermo switch connection:
Marked: T1/T2
Type: PHOENIX G5/2 with screw connection.
IEC: 0, 2-4 mm² / 500V
UL: AWG 24 -12 / 300V
Wire stripping: 8 mm(0.31 in)
Torque: 0.7 Nm (6.2 lb-in)

For temperature switch cable:
Clamping range: 3.5-7.0 mm (0.14-0.28 in)
Size Wrench (SW): 16mm (0.63 in)

For resistor cable:
Cable gland with internal connection for braid
Clamping range: 19 - 28 mm
Size Wrench (SW): 45 mm(1.78 in)

Danfoss code	Typecode	Ohm	L±2 mm	L±0.08 in	L1±2 mm	L1±0.04 in	Weight kg
175U3051	MCE101A15R5P3K50E21TAW	15.5	560	22.05	530	20.87	25.5
175U3057	MCE101A13R5P4K20E21TAW	13.5	660	25.98	630	24.80	29
175U3063	MCE101A11R0P5K50E21TAW	11	760	29.92	730	28.74	32.5
175U3065	MCE101A9R50P4K20E21TAW	9.5	660	25.98	630	24.80	29
175U3070	MCE101A7R00P5K50E21TAW	7	760	29.92	730	28.74	32.5
175U3134	MCE101A105RP4K20E21TAW	105	660	25.98	630	24.80	29
175U3142	MCE101A72R0P4K20E21TAW	72	660	25.98	630	24.80	29
175U3148	MCE101A52R0P5K50E21TAW	52	760	29.92	730	28.74	32.5
175U3156	MCE101A38R0P5K50E21TAW	38	760	29.92	730	28.74	32.5
175U3174	MCE101A13R0P3K50E21TAW	13	560	22.05	530	20.87	25.5
175U3176	MCE101A9R00P5K50E21TAW	9	760	29.92	730	28.74	32.5
175U3178	MCE101A5R70P5K50E21TAW	5.7	760	29.92	730	28.74	32.5
175U3474	MCE101A15R5P4K20E21TAW	15.5	660	25.98	630	24.80	29
175U3476	MCE101A13R5P5K50E21TAW	13.5	760	29.92	730	28.74	32.5





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

MCE 101 Brake Resistor
xxR ± 10% 929 IP 21/20
175C0639

Weight (g)	Date	Creator:	Approved:	Scale
-	01.02.2012	HEE	PM	1:5

Tolerance: DS/ISO 2768-cL File: 929CBT-VxxxGHT

No.:	Last Revision:	Rev Date:	By:	Paper size:
1	Weight Updatet	29.03.2012	HEE	A3

Any amendment must be confirmed by DANOTHERM ELECTRIC A/S

Material:

Path: T:\sw\kute\KUTETEGN\

Drawing No.: **929CBT-VxxxGHT**

Sheet: 1 of 1

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