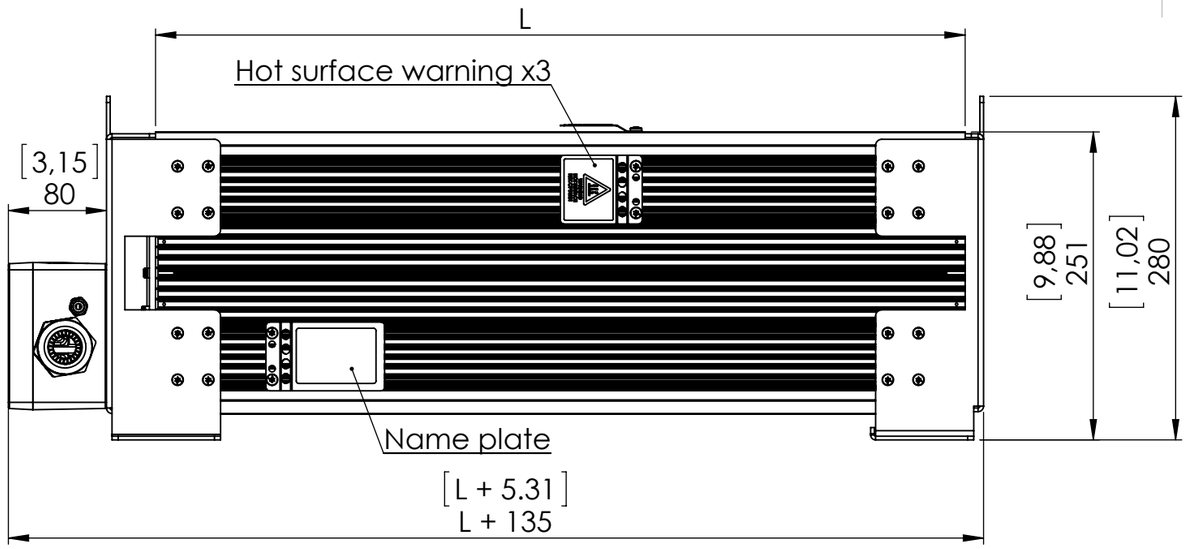
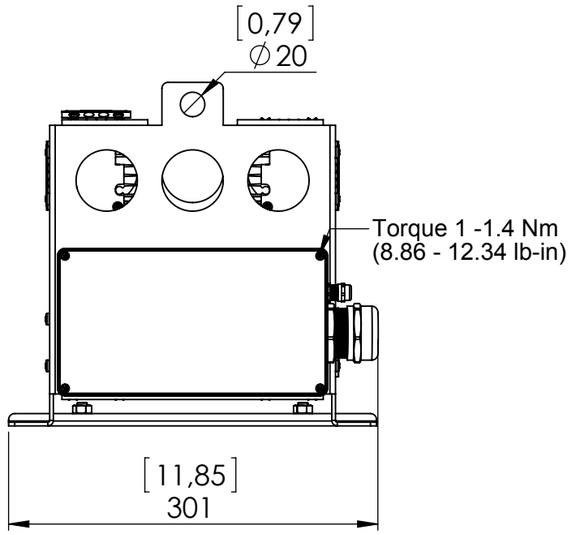


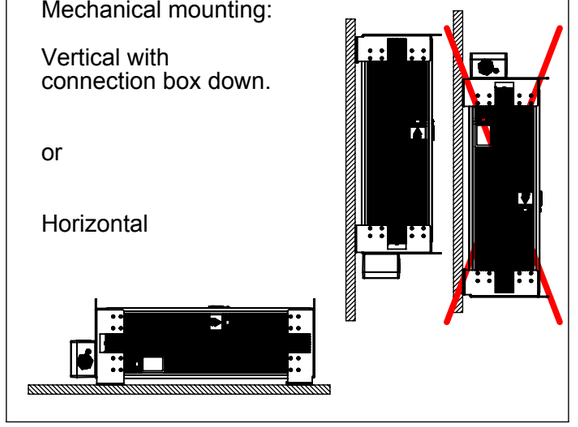


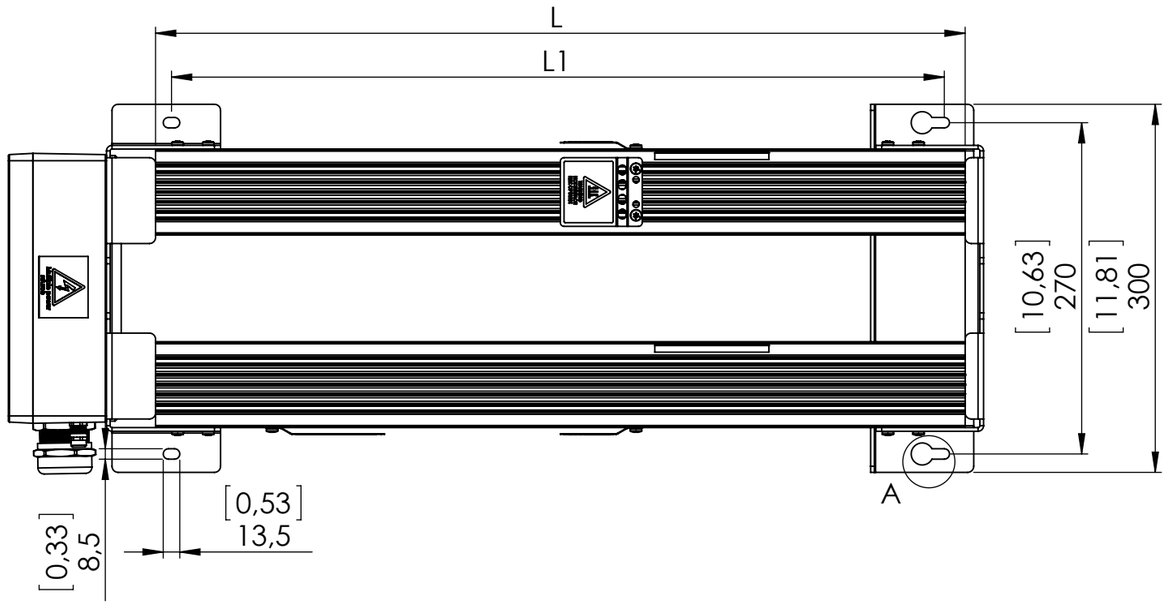
Mechanical mounting:

Vertical with
connection box down.

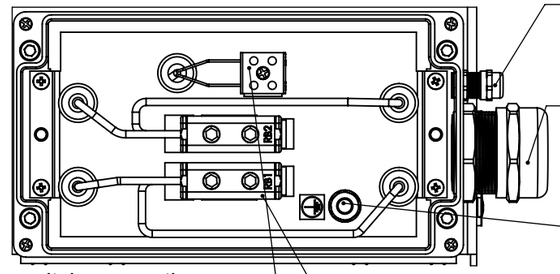
or

Horizontal





Connection box:



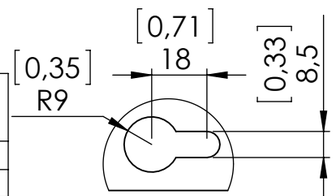
For temperature switch cable:
Clamping range: 3.5 - 7.0 mm (0.14 - 0.28 in)
Size Wrench (SW): 16 mm (0.63 in)

For resistor cable:
Cable gland with internal connection for braid
Clamping range: 19 - 28 mm (0.74 - 1.1 in)
Size Wrench (SW): 45mm (1.78)

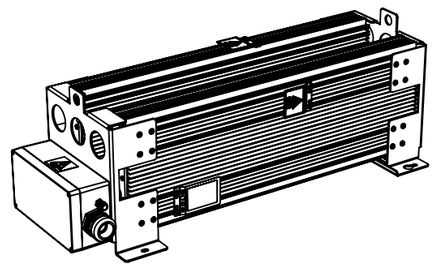
PE: M8
Torque 4.5 - 5.5 Nm
(39.83-48.68 lb-in)

Thermo switch connection:
Marked: T1/T2
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)

Resistor connection:
Marked RB1 / RB2
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)



DETAIL A
SCALE 1 : 2



Danfoss code	Typecode	Ohm	L±2 mm	L±0.08 in	L1±2 mm	L1±0.04 in	Weight kg
175U3052	MCE101A15R5P3K50E65TAW	15.5	560	22.05	530	20.87	26.5
175U3058	MCE101A13R5P4K20E65TAW	13.5	660	25.95	630	24.80	30
175U3064	MCE101A11R0p5K50E65TAW	11	760	29.92	730	28.74	33.5
175U3066	MCE101A9R50P4K20E65TAW	9.5	660	25.95	630	24.80	30
175U3071	MCE101A7R00P5K50E65TAW	7	760	29.92	730	28.74	33.5
175U3135	MCE101A105RP4K20E65TAW	105	660	25.95	630	24.80	30
175U3143	MCE101A72R0P4K20E65TAW	72	660	25.95	630	24.80	30
175U3149	MCE101A52R0P5K50E65TAW	52	760	29.92	730	28.74	33.5
175U3157	MCE101A38R0P5K50E65TAW	38	760	29.92	730	28.74	33.5
175U3175	MCE101A13R0P3K50E65TAW	13	560	22.05	530	20.87	26.5
175U3177	MCE101A9R00P5K50E65TAW	9	760	29.92	730	28.74	33.5
175U3179	MCE101A5R70P5K50E65TAW	5,7	760	29.92	730	28.74	33.5
175U3473	MCE101A15R5P4K20E65TAW	15.5	660	25.95	630	24.80	30
175U3475	MCE101A13R5P5K50E65TAW	13.5	760	29.92	730	28.74	33.5

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

Weight (g)	Date	Creator:	Approved:	Scale
-	07.03.2011	HEE	PM	1:5
Tolerance:	DS/ISO 2768-cL	File:	929CBT-VxxxBGHT	

MCE 101 Brake Resistor
xxR ± 10% 929 IP 65
175C0638

No.:	Last Revision:	Rev Date:	By:	Paper size:
2	Torque updatet	06.06.2012	HEE	A3

Any amendment must be confirmed by DANOTHERM ELECTRIC A/S

Material:

Path: T:\sw\kute\KUTETEGN\

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

Sheet: 1 of 1

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