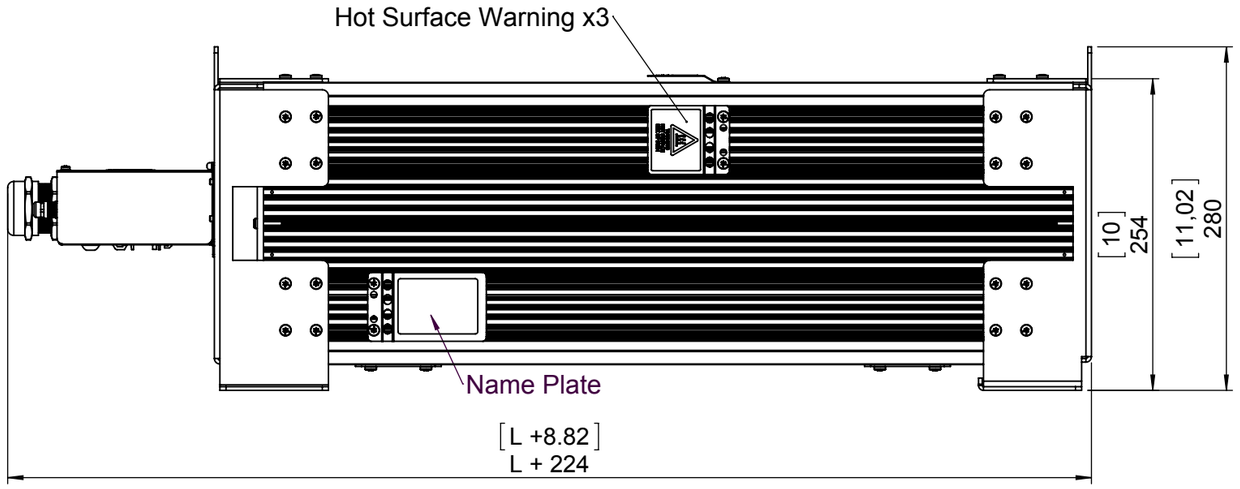
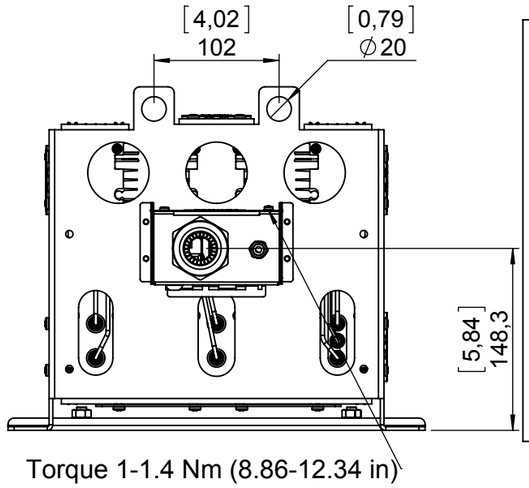


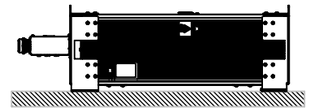


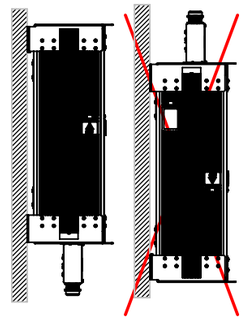
Mechanical mounting:

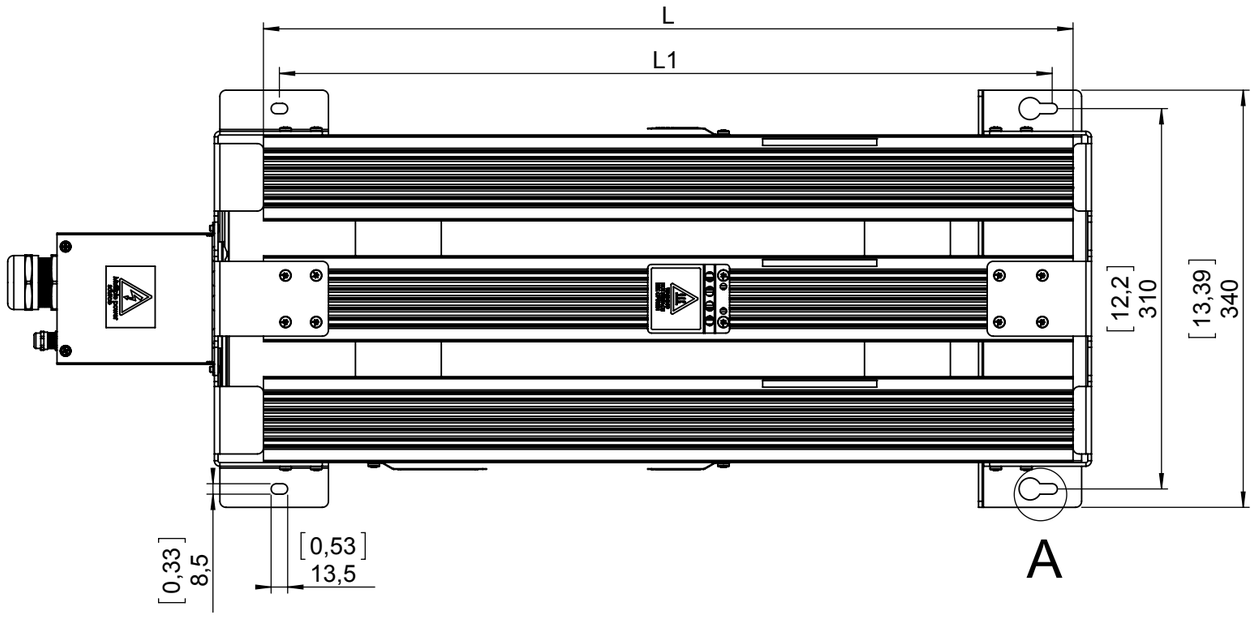
Vertical with
connection box down.
In this posistion the resistor
protection class is IP21

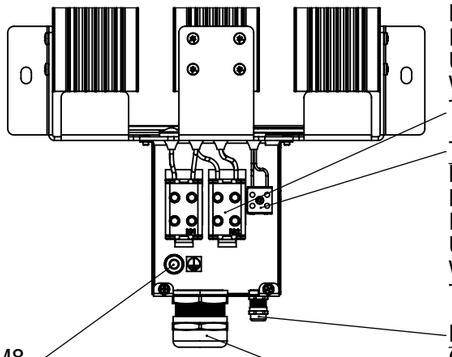
or

Horizontal ((IP20)









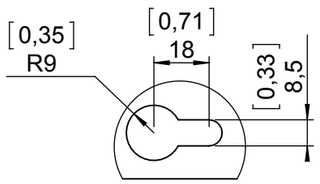
Resistor connection:
Marked RB1 / RB2
ENSTO KE66
IEC: Cu 2.5-50mm² Al 6-50mm² / 750V
UL: AWG 6-1/0 / 600V
Wire stripping: 23mm (0.9 in)
Torque: 10 Nm (90 lb-in)

Thermo switch connection:
Marked: T1 / T2
PHOENIX G5/2
IEC: 0.2-4mm² / 500V
UL: AWG 28-10 / 300V
Wire stripping: 8mm (0.31 in)
Torque: 0.7 Nm (6.2 lb-in)

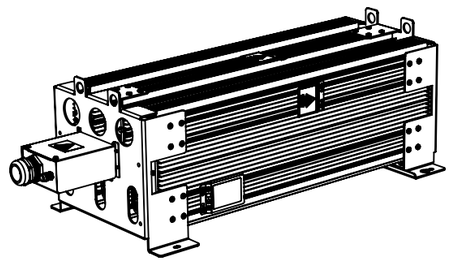
For themperature switch cable:
Clamping range: 3.5-7.0 mm (0.14-0.28 in)
Size Wrench (SW): 16mm (0.63 in)

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

PE: M8
Torque 5-5.5 Nm
(44.28-48.71 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
175U3076	MCE101A5R50P6K30E21TAW	5.5	660	25.98	630	24.80	39
175U3154	MCE101A42R0P8K20E21TAW	42	760	29.92	730	28.74	44.5
175U3162	MCE101A31R0P8K20E21TAW	31	760	29.92	730	28.74	44.5
175U3166	MCE101A28R0P6K30E21TAW	28	660	25.98	630	24.80	39
175U3170	MCE101A22R0P8K20E21TAW	22	760	29.92	730	28.74	44.5
175U3180	MCE101A5R70P8K20E21TAW	5.7	760	29.92	730	28.74	44.5
175U3182	MCE101A3R50P8K20E21TAW	3.5	760	29.92	730	28.74	44.5

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

MCE 101 Brake Resistor
xxR ± 10% 930 IP21
175C0641

Weight (g)	Date	Creator:	Approved:	Scale
-	06.02.2012	HEE	PM	1:5
Tolerance:	DS/ISO 2768-cL	File:	930CBT-VxxxGHT	

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

Any amendment must be confirmed by DANOTHERM ELECTRIC A/S

Material:

Path: T:\sw\kute\KUTETEGN\

Drawing No.: 930CBT-VxxxGHT

Sheet: 1 of 1

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