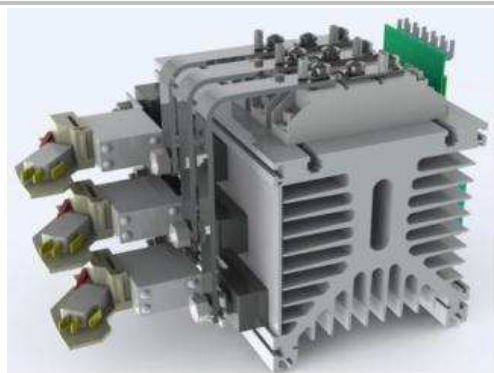


SKS 67N W3C 60 V16 SU



Thyristor Module stack

SEMISTACK® CLASSICS - W3C

Three phase reverse parallel thyristor converter

Preliminary Data

Ordering No. 08785231
Description SKS 67N W3C 60 V16 SU

Features

- Isolated power stacks
- SKKT 106/16
- Heatsink P3/180
- Natural cooling
- RC circuit included
- Fuses with microswitches

Typical Applications

- Soft starters

Remarks

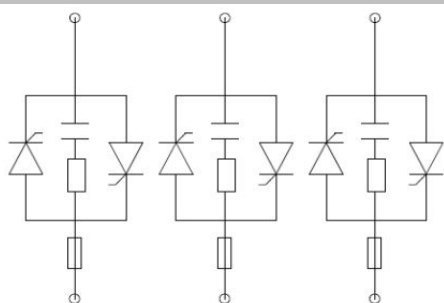
This technical information specifies semiconductor devices but promises no characteristics. No warranty or guarantee, expressed or implied, is made regarding delivery, performance or suitability.

Electrical Characteristics							
Symbol	Conditions			min	typ	max	Unit
Electrical Data							
I _{OUT}	Maximum output current	T _{AMBIENT} = 35°C ; No overload			67		A _{RMS}
V _{AC}	Maximum AC voltage (+/-10%)				500		V _{AC}
P _{TOTAL}	Maximum stack power				60		kW
P _{LOSS}	Stack power loss (T _{AMBIENT} = 35°C)						W

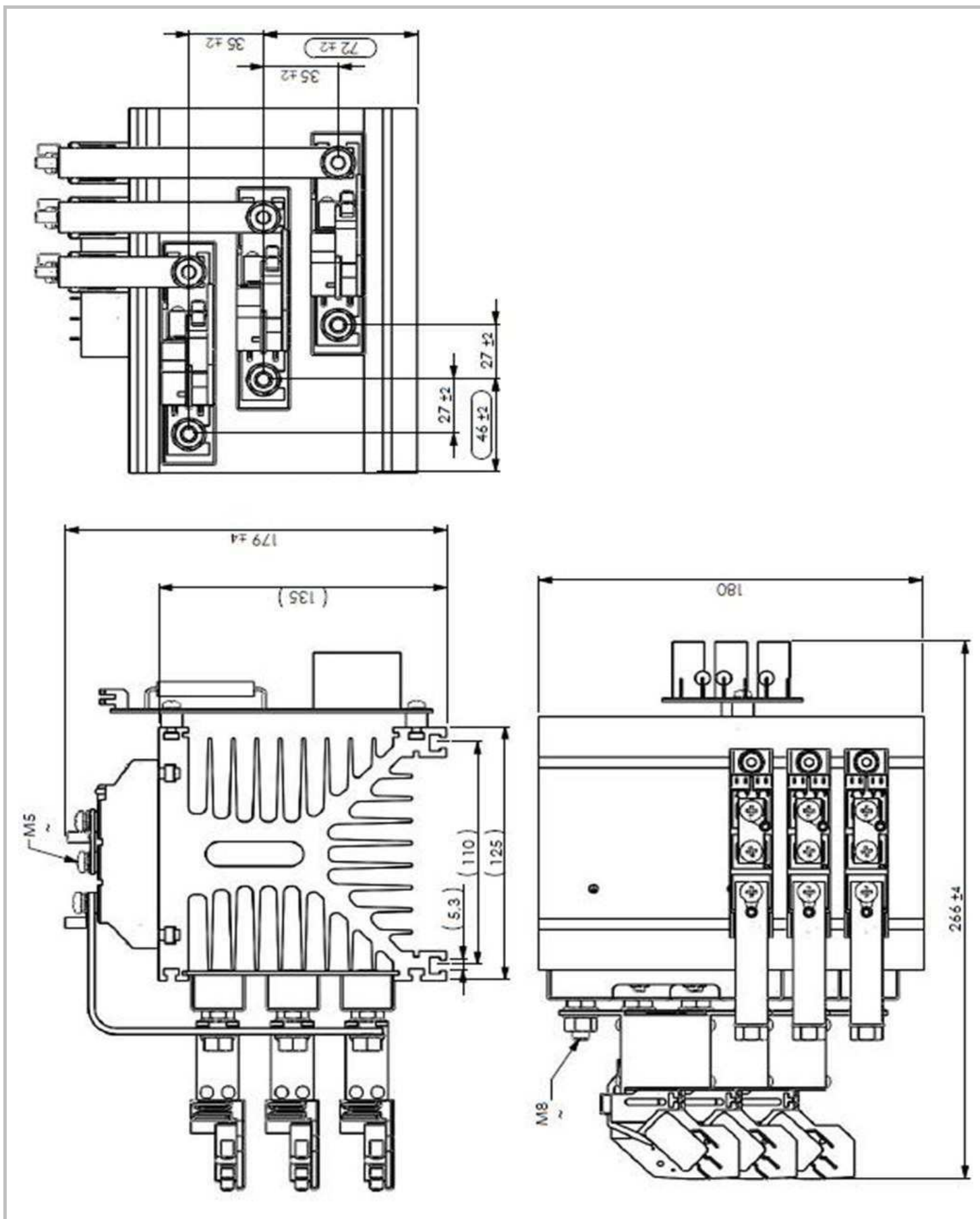
Environmental Data							
Symbol	Conditions			min	typ	max	Unit
Mechanical Data							
Drawing	SEMIKRON document number.revision.version			12100952.00		-	
Weight	Approximate total weight			3.7		kg	
Altitude	Installation altitude without derating					1 000	m
Protection	IEC 60529			IP00		-	
Pollution Degree	EN 50178			2		-	

Stack Protection						
Symbol	Conditions		min	typ	max	Unit
RC Circuit						
Type	RC in parallel with each switch		RC25B			-
R	Resistance (10W)		68			Ohm
C			0.1			μF

Fuses			
Size	1 fuse per phase, with microswitches	000	-
$I_{N RMS}$	Caliber	160	A
U_N	Nominal voltage (IEC)	690	V
I^2t	Total at U_N at room temperature (approx. 20...25°C)	17.44	kA^2s



W3C



Dimensions

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