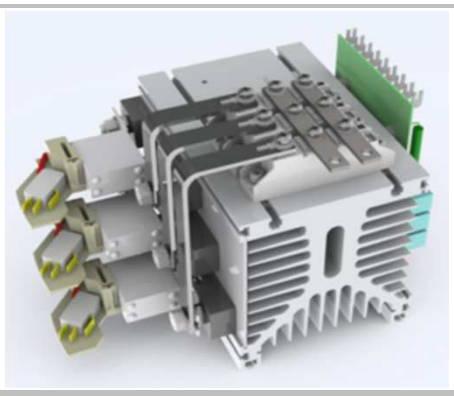
SKS 88N B6HK 60 V16 SU



Thyristor/Diode Module stack

SEMISTACK® CLASSICS - B6HK
Three phase half-controlled rectifier

Preliminary Data

Ordering No. 08800520
Description SKS 88N B6HK 60 V16 SU

Features

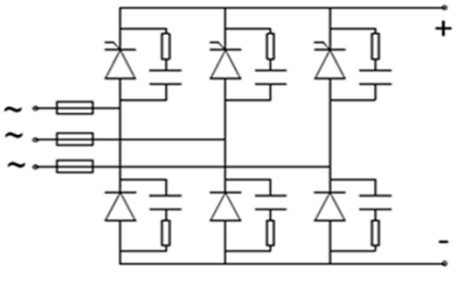
- Isolated power stacks
- SKKH 106/16
- Heatsink P3/180
- Natural cooling
- RC circuit included
- Fuses with microswitches

Typical Applications

- Soft charge
- Industrial heating

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.



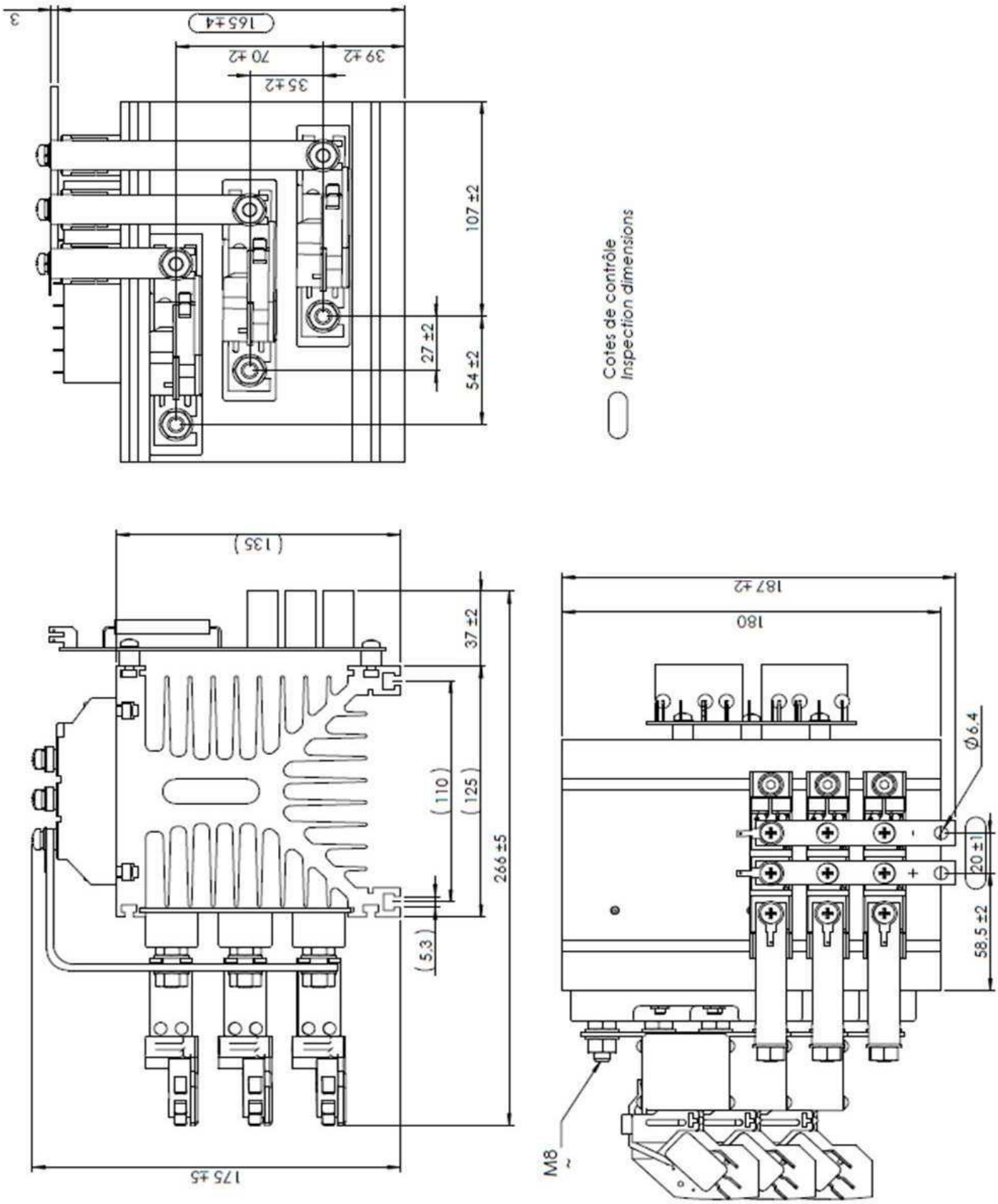
B6HK

Electrical Characteristics						
Symbol	**Conditions**		**min**	**typ**	**max**	**Unit**
Electrical Data						
I_D	Maximum DC current	$T_{AMBIENT}$ = 35°C ; No overload		88		A
V_{AC}	Maximum AC voltage (+/-10%)			500		V_{AC}
V_{BUS}	DC Bus voltage			670		V_{DC}
P_{TOTAL}	Maximum stack power			60		kW
P_{LOSS}	Stack power loss ($T_{AMBIENT}$ = 35°C)					W

Environnmental Data					
Symbol	**Conditions**	**min**	**typ**	**max**	**Unit**
Mechanical Data					
Drawing	SEMIKRON document number.revision.version		**12100932.00.B**		-
Weight	Approximate total weight		~4.67		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 electrical switch		**RC32**		-
R	Resistance (11W)		100		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 Un at room temperature (approx. 20…25°C)			17,44	kA^2s



Dimensions