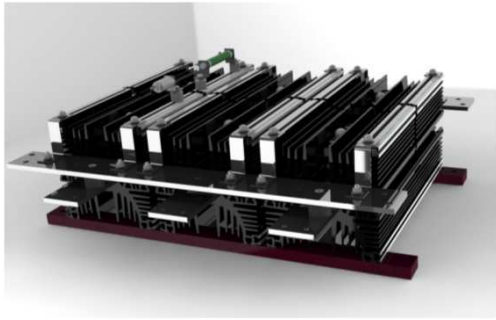




Diode Presspack stack

SEMISTACK® CLASSICS - B6U

Three phase uncontrolled rectifier

Preliminary Data

Ordering No. 08785108
Description SKS 1630N B6U 1090 V16

Features

- Non-isolated power stacks
- SKN 1500/16
- Heatsink U3/515
- Natural cooling
- RC circuit included

Typical Applications

- Power supplies
- Rectifier for AC/DC motor control

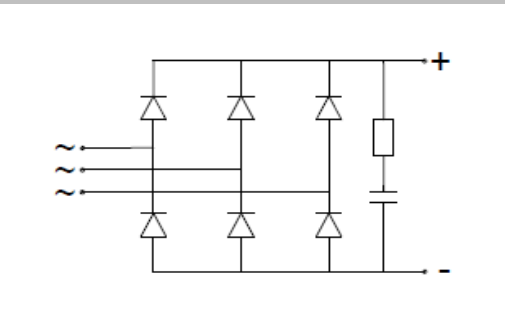
Remarks

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

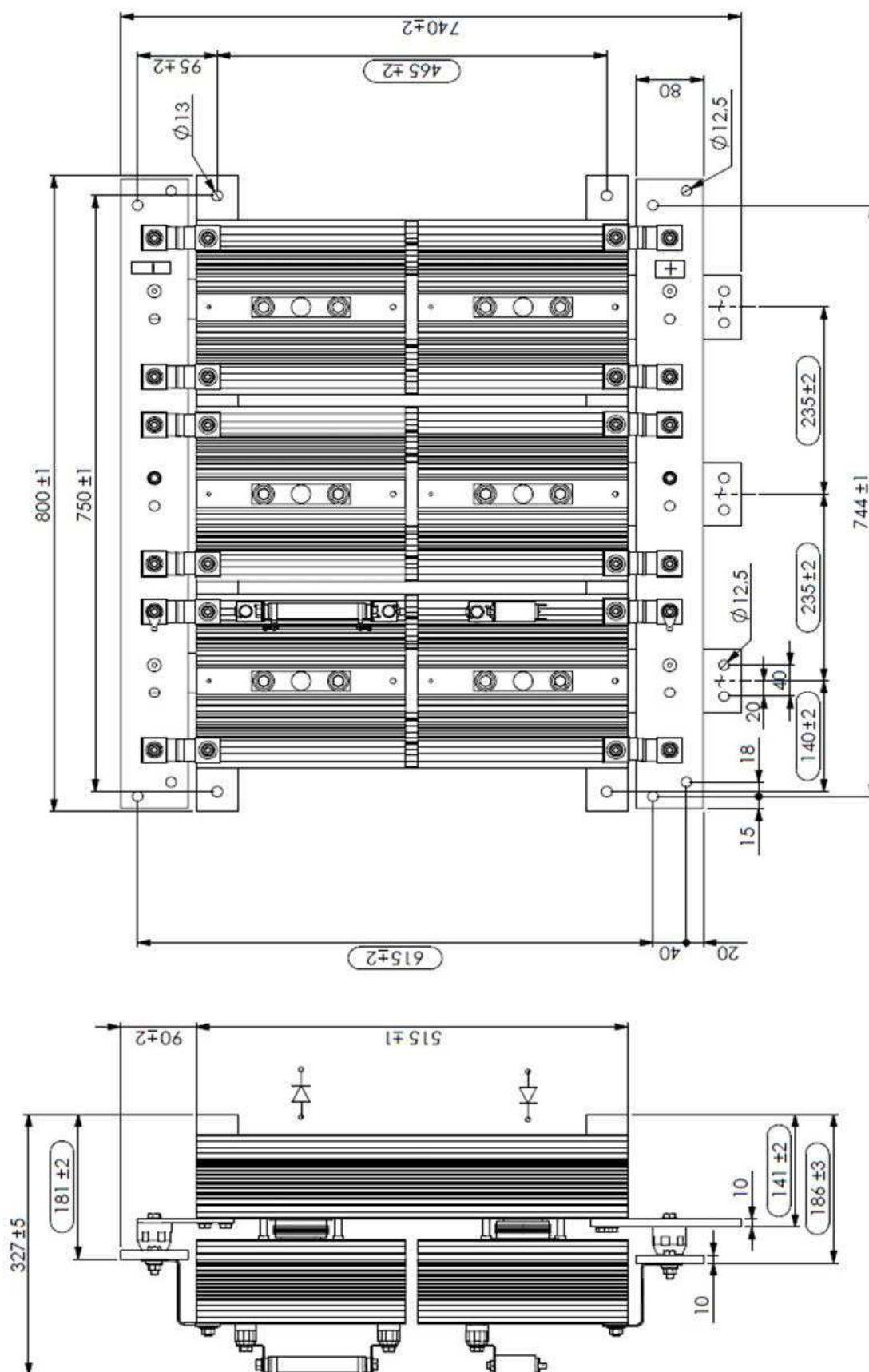
Electrical Characteristics						
Symbol	Conditions		min	typ	max	Unit
Electrical Data						
I _D	Maximum DC current	T _{AMBIENT} = 35°C ; No overload		1 630		A
V _{AC}	Maximum AC voltage (+/-10%)			500		V _{AC}
V _{BUS}	DC Bus voltage			670		V _{DC}
P _{TOTAL}	Maximum stack power			1 090		kW
P _{LOSS}	Stack power loss (T _{AMBIENT} = 35°C)					W

Environmental Data					
Symbol	Conditions	min	typ	max	Unit
Mechanical Data					
Drawing	SEMIKRON document number.revision.version	12062002.00			-
Weight	Approximate total weight	111.1			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 bridge rectifier	-			-
R	Resistance (80W)	33			Ohm
C		0.47			μF



B6U



Dimensions

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