

Checklist for IGBT Assemblies

Size

☐ ModSTACK™
 ☐ PrimeSTACK
 ☐ other

Circuit *

DC/DC

☐ 1/2B2IHA
 ☐ 1/2B2IHK
 ☐ 1/2B2I
 ☐ B2IH

DC/AC

☐ B2I
 ☒ B6I
 ☐ 2B6I
 ☐ 1/2B2I+B6I
 ☐ 1/2B2IHK+B6I

AC/AC

☐ B6I+B2I
 ☐ B6I+B6I
 ☐ other
 * please see attached topologies

Supply voltage

nom. DC voltage (input) V
 nom. AC voltage (input) V
 frequency Hz
 nom. DC voltage (output) V
 nom. AC voltage (output) V
 frequency Hz

Output Current

nom. DC current (input) A
 nom. AC current (input) A_{RMS}
 nom. DC current (output) A
 nom. AC current (output) A_{RMS}

Temperature

Cooling: T_{min} °C
 T_{max} °C
 Ambient: T_{min} °C
 T_{max} °C

Cooling mode

☐ Natural air cooling
 ☐ Forced air cooling
 ☐ Water cooling
 ☐ Oil cooling
 ☐ Fan included
☐ Other cooling mode:

Mechanical outlines

Width: mm
 Height: mm
 Depth: mm

Load mode

☐ Permanent operation
☐ Overload
 Overcurrent: A
 Preload current: A
 Time: s
☒ Periodical overload
 Intermittent current: A
 Preload current: A
 Turnoff time: s
 Cycle time: s
☐ Non periodical overload according to

Output frequency

Minimum Hz
 Maximum Hz
 Switching frequency:
 Maximum Hz

Control interface

☐ Electric (voltage)
 ☐ Use as Master for Master/Slave
☐ Single use or slave
 ☐ Optical

Quantity

pieces

Delivery time

On request weeks

Spare parts

☐ Yes
 ☐ No

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Topologies

ModSTACK™

Available Module Configurations		Available Module Configurations	
Acronym	Topology	Acronym	Topology
1/2B2IHA		B6I	
1/2B2IHK		1/2B2I+B6I	
1/2B2I		1/2B2IHK+B6I	
B2IH		B6I+B2I	
B2I		B6I+B6I or 2B6I for parallel operation	

PrimeSTACK

Available Module Configurations		Available Module Configurations	
Description	Circuit	Description	Circuit
TwoPACK		SixPACK	
FourPACK		Six + OnePACK	

Customer

Company:

Name:

Phone:

Fax:

e-mail:

Date:

Street:

Post Box:

City:

Country:

Space for remarks