Certificate Number UL-US-L137750-144370-60115102-1

Report Reference E137750-20151106

Date 15-Oct-2021

Issued to: ABB Power Electronics Inc

601 SHILOH RD PLANO, TX United States 75074-7210

This is to certify that representative samples of

QQGQ2 - Power Supplies, Information Technology Equipment Including Electrical Business Equipment -

Component

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete

in certain constructional features or restricted in

performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 60950-1, 2nd Ed., Issue Date: 2007-03-27, Revision

Date: 2014-10-14

Additional Information: See the UL Online Certifications Directory at

https://ig.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.





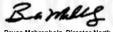
Certificate Number UL-US-L137750-144370-60115102-1

Report Reference E137750-20151106

Date 15-Oct-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
Power Express 2CKT Combiner	Power Supplies for AV, ITE, and AVICT
VII. VII. VII. VII. VII. VII.	Equipment
Power Express 4CKT Combiner	Power Supplies for AV, ITE, and AVICT
	Equipment
Power Express 8CKT Combiner	Power Supplies for AV, ITE, and AVICT
	Equipment





Bruce Mahrenholz, Director North American Certification Program

Certificate Number UL-CA-L137750-164370-60115102-1

Report Reference E137750-20151106

Date 15-Oct-2021

Issued to: ABB Power Electronics Inc

601 SHILOH RD PLANO, TX United States 75074-7210

This is to certify that representative samples of

QQGQ8 - Power Supplies, Information Technology Equipment Including Electrical Business Equipment

Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete

in certain constructional features or restricted in

performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: CSA C22.2 No. 60950-1 - 2nd Ed. - Issue Date: 2007-03-27

- Revision Date: 2014-10-01

Additional Information: See the UL Online Certifications Directory at

https://ig.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.





Certificate Number UL-CA-L137750-164370-60115102-1

Report Reference E137750-20151106

Date 15-Oct-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
Power Express 2CKT Combiner	Power Supplies for AV, ITE, and AVICT
VII. VII. VII. VII. VII. VII. 1	Equipment
Power Express 4CKT Combiner	Power Supplies for AV, ITE, and AVICT
	Equipment
Power Express 8CKT Combiner	Power Supplies for AV, ITE, and AVICT
	Equipment





Bruce Mahrenholz, Director North American Certification Program