

CERTIFICATE OF COMPLIANCE

Certificate Number 20181005-E329994
Report Reference E329994-20160318
Issue Date 2018-OCTOBER-05

Issued to: TYCO ELECTRONICS (SHANGHAI) CO LTD
F/G SECTION 1/F BUILDING 15
NO 999 YINGLUN RD
CHINA (SHANGHAI) PILOT FREE TRADE ZONE
SHANGHAI
200131 CHINA

**This is to certify that
representative samples of**

COMPONENT - JUNCTION BOXES FOR USE IN
PHOTOVOLTAIC MODULES AND PANELS

See Addendum


Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:
Additional Information:

UL 3730, Photovoltaic Junction Boxes

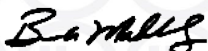
See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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

4 Rail photovoltaic junction box with 3 diodes –
PVBAR4GBY3TA, PVBAR4GBR3TA, PVBAR4GAY3TA, PVBAR4GAR3TA, PVBAR4GBR3FA,
PVBAR4GBY3FA, PVBAR4GAR3FA, PVBAR4GAY3FA

NOMENCLATURE:

PVBARABCDEFG		Where A,B,C,D,E,F and G represent the following:
A =	4	4 Rails
B =	G	No connectors molded onto junction box
C =	B	Connectors on cables – left termination with minus coding, right termination with plus coding
	A	Connectors on cables – left termination with plus coding, right termination with minus coding
D =	Y	AWG 12, rated 1500V TUV / 1500V UL
	R	AWG 12, rated 1000V TUV / 1000V UL
E =	3	3 diodes
F =	T	Maximum diode current rating: 15A
	F	Maximum diode current rating: 8.5A
G =	A	Potting



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