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Distributed Generation Power Systems Accessory Equipment - Component

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MULTI-CONTACT USA

E181720

5560 SKYLANE BLVD
SANTA ROSA, CA 95403 USA

Device	Cat. No.	Electrical Rating
Photovoltaic system connector	PV-KBT3I, PV-KST3I, followed by UR	600 V dc, 20 A max with 12-14 AWG cable
	PV-KBT3II, PV-KST3II, followed by UR	600 V dc, 20 A max with 12 AWG cable
	PV-KBT3III, PV-KST3III, followed by UR	600 V dc, 30 A max with 10 AWG cable
	PV-KBT3III, PV-KST3III, followed by UR	600 V dc, 30 A max with 10 AWG cable
	PV-KBT3/6III, PV-KST3/6III, followed by UR	600 V dc, 30 A max with 8 AWG cable
Photovoltaic system connector	PV-KST4, PV-KBT4, followed by /2.5 or /6, followed by "I" or "II", followed by -UR, -URS or -ULS	600 V dc, 30 A max with 8-14 AWG cable
Accessory	PV-SSH4	n/a
Photovoltaic connector branch plug and socket	PV-AZS3-UR, PV-AZB3-UR (32.0009-UR, 32.0008-UR)	600 V dc, 30 A max

Device	Cat. No.	Electrical Rating
Photovoltaic system connector	PV-KST3, PV-KBT3, may be followed by /6, followed by "I", "II" or "III", followed by -UR	"I" - 600 Vdc, 20 A max w/ 2.5mm ² , 4.0 mm ² , 14AWG, 16AWG, 12AWG, and 10AWG cable.
		"II" - 600 Vdc, 20/30** A max w/ 2.5mm ² , 4.0 mm ² , 14AWG, 16AWG, 12AWG, and 10AWG cable.
		"III" - 600 Vdc, 30** A max w/ 2.5mm ² , 4.0 mm ² , 14AWG, 16AWG, 12AWG, and 10AWG cable.
		"/6 III" - 600 Vdc, 30 A max w/ 6.0 mm ² and 8AWG cable.

Note: ** - 30A rating when assembled to 10 AWG cable only.

These connectors are intended for use in accordance with the following additional restrictions:

- A. These devices should be used only where they will not interrupt the current. The components are marked "Do Not Disconnect Under Load." In addition, the need to include specific instructions in the end-use equipment's manual describing the method of achieving disconnect while not under load should be considered.
- B. These components use a material that has an RTI for Mechanical with Impact less than that required for unrestricted Listing. Consideration should be given to required mechanical protection in the end use.
- C. Connector Nos. PV-KBT3 and PV-KST-3, followed by I, II and III, and Nos. PV-KST4, PV-KBT4, followed by /2.5 or /6, followed



by "I" or "II," followed by -UR, have been investigated as acceptable for assembly in the field by qualified electricians with factory-provided tooling.

Device	Cat. No.	Electrical Rating
Photovoltaic junction box	PV-JB/K-2, followed by any alphanumeric characters, followed by UR	600 V dc, 10 A max
Photovoltaic junction box	PV-JB/2, followed by any alphanumeric characters, followed by UR.	600 V dc, 20 A max with 10-12 AWG cable

These junction boxes are intended for use in accordance with the following additional restrictions:

A. These components use a material that has an RTI for Mechanical with Impact less than that required for unrestricted Listing. Consideration should be given to required mechanical protection in the end use.



Marking: Company name or trademark  , catalog designation and the Recognized Component Mark  on device or carton.
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