

# BKTPVJBSPL

## Split PV Junction Box

- ❖ Protected IEC 60068-2-52
- ❖ Dust & water-proof IP65(without potting), IP68(1m/1h)(potting)
- ❖ UV, Ammonia, safety class II
- ❖ Safety requirement and test as per IEC 62790:2020, EN IEC 62790:2020
- ❖ Ribbon termination is achieved by soldering
- ❖ Customer-specific: connector, diode, cable length

## Technical Data

Rated current	20A, 25A, 30A
Rated Voltage	1500V DC
Degree protection, mated	IP65/IP68(1m,1h)
Application class	A
Protection class	II
Ambient temperature range	-40°C to +85°C
Flame class	UL94 V-0
Insulation material	PPO
Locking system	Locking type
Type of termination for ribbon	Soldering
Rated impulse voltage	20 kV
Upper limiting temperature	120°C
Contact material	Copper, tin plated
Contact resistance	≤0.25mΩ
Overvoltage category / Pollution degree	CAT/III3
Silicone type	Potting (6.5 ml)

## Order Information

Part No.	Current	Diode type	Terminal	Cross-section	Cable length(Mm)
BKTPVJBSPL1	20A	MK3045	Soldering	4mm <sup>2</sup>	350
BKTPVJBSPL1	20A	MK3045	Soldering	4mm <sup>2</sup>	1000
BKTPVJBSPL1	20A	MK3045	Soldering	4mm <sup>2</sup>	1200
BKTPVJBSPL2	25A	MK4045	Soldering	4mm <sup>2</sup>	350
BKTPVJBSPL2	25A	MK4045	Soldering	4mm <sup>2</sup>	1000
BKTPVJBSPL2	25A	MK4045	Soldering	4mm <sup>2</sup>	1200
BKTPVJBSPL3	30A	MK5045	Soldering	4mm <sup>2</sup>	350
BKTPVJBSPL3	30A	MK5045	Soldering	4mm <sup>2</sup>	1000
BKTPVJBSPL3	30A	MK5045	Soldering	4mm <sup>2</sup>	1200

