



# JBB

## Junction Box

### GENERAL INFORMATION

Full Automation  
Full Process Crimp Force Control In Automation Line  
Full Process NOK Control  
Crimp Camera Control  
Optimum Filling Available  
Safe Lid Locking Independent of Mechanical Force  
Avaliability For Higher Rating Panels; TopCon, Bifacial and Up to 700 W  
Poke Yoke For Module Connection  
Clean Room Diode Technology (Module Diode)  
Less Failure Threat (10 ppm)  
Lower IR Leakage  
Lower Over Heat Risk (Temperature Junction)

### FEATURES

- 15A - 25A - 30A JB Rating
- IP 68 Protection Degree
- Potting Type
- Solder Integrated Ribbon Contacts
- IEC 62790:2020 New Standart Complies
- JBB Junction Box Is Certificated by TÜV
- Cable Crimping Connection According to EN 60352-2
- Pool Wall To Accommodate Potting Filling Process Variability
- Ekinler PC1 & Staubli MC4 EVO2 & QC Solar QC4.10  
(Different Brand Connectors Can Also Be Used)
- Ultrasonic Plastic Welding For A Strong Cable Retention
- Extra Soldering On Cable Crimp Side Avaliable
- Barcode Traceablity
- Silicone Pathway And Height Nails Provide Safe Adhesion  
To The Backsheet



# JBB

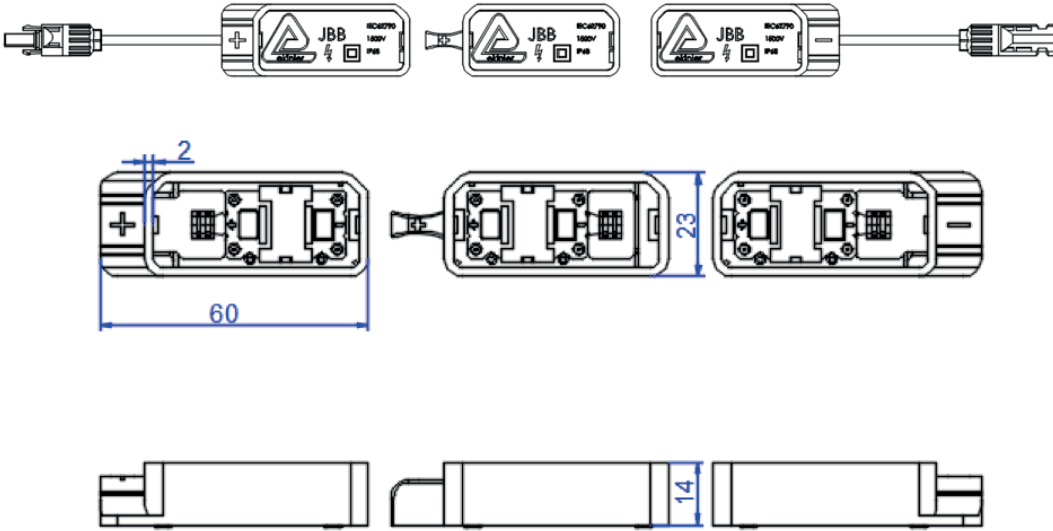
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### TECHNICAL DETAILS

Rated Current	15A / 25A / 30A
Rated Voltage	1500V
Degree Protection	IP68
Ribbon Connection Method	Soldering
Ambient Temperature Range	-40°C to +85°C
Flame Class	UL94 – V0
Body Material	PPO
Contact Material	Copper, Tin plated
Cable Size	4mm <sup>2</sup>



### DIMENSIONS (mm)



Please contact us for cable length requests.

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