



## EarthLock bonding terminal

One EarthLock bonding terminal is installed at the end of each SunLock rail that requires an earth connection. If a SunLock rail is extended in length using SunLock rail joiners, the entire length is considered to be one rail (i.e. one bonding terminal is fitted at one end). The crimp lug is installed between the two washers. The earth cables run from the roof to the earth point of attachment (POA). Note: spray zinc paint over the terminal after installation.



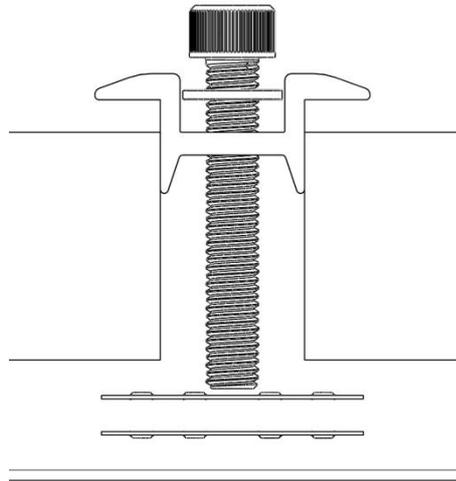
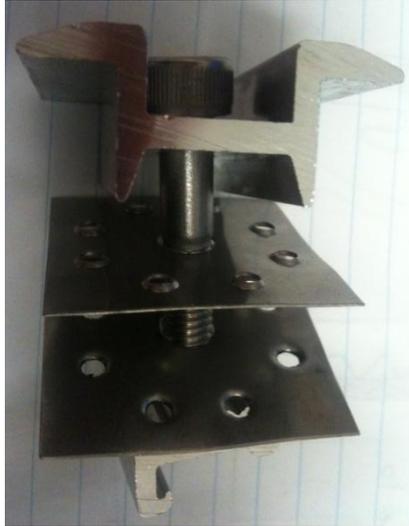
## Split arrays

If the PV system has split arrays, then the earth cable can be extended to each array without being broken. Simply swap out the crimp lug with a larger one and fit two earth cables into the lug.

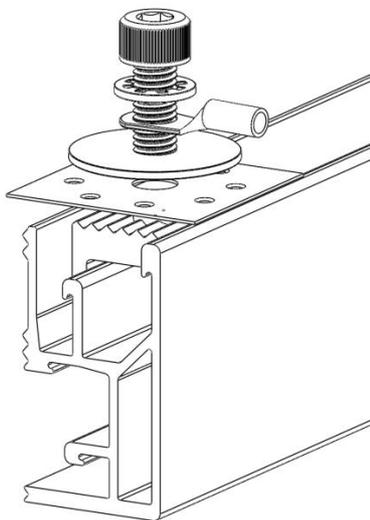


## ANODISED RAILS

If the SunLock rail is anodised (i.e. black), then a second EarthLock washer should be used. The two washers should be placed 'back to back' ensuring that the perforations are pointing away from each other. The upper EarthLock washer is used to pierce the anodised solar panel frame whilst the lower EarthLock washer pierces the anodised SunLock rail.



Similarly, the EarthLock bonding terminal also requires an extra EarthLock washer. This is fitted between the rail and the large washer. The perforations must face down towards the rail, so they can pierce the anodised layer on the rail.



## TECHNICAL & SUPPLY CHAIN INFORMATION

### EarthLock washer

Sales code	SLELW01
Material	0.55 mm stainless steel
Australian Standard Certification	AS/NZS 3000 - 2007 - Electrical installations

### EarthLock bonding terminal

Sales code	SLELBT02
Material	Aluminium key insert, stainless steel screw & washers
Australian Standard Certification	AS/NZS 3000 - 2007 - Electrical installations

## FURTHER INFORMATION

For further information contact Apollo Energy on 1300 855 484 or [sunlock@apolloenergy.com.au](mailto:sunlock@apolloenergy.com.au).