

## 5 Stringkabel

### 5.1 MHI Adapter-Set Art. Nr. 102059

Zum Anschluss an den Wechselrichter (WR) wird ein Übergang zum Standard MC Steckverbinder System hergestellt. Dies wird über das Adapter-Set mit der Art. Nr. 102059 realisiert. Benötigt wird ein Set pro Strang, d.h. ein Set pro WR Anschluss. Abbildung 10 zeigt den Inhalt eines PHÖNIX MHI Adaptersets.

Hinweis: Das Adapterset ist nicht im Lieferumfang enthalten und muß nach Bedarf bestellt werden.

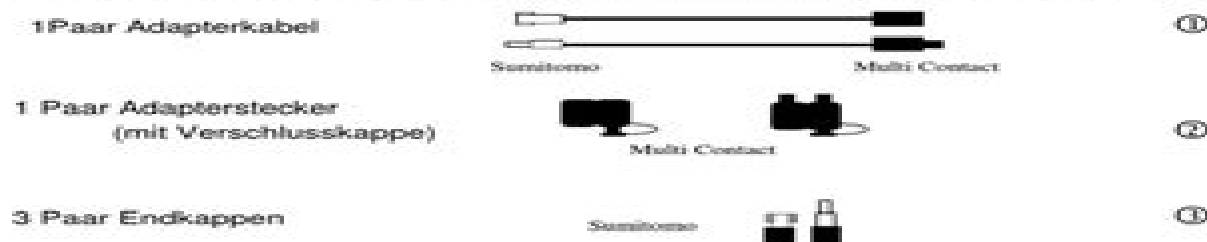


Abbildung 10: Inhalt PHÖNIX MHI Adapterset

### 5.2 WR Anschluss RECHTE Seite:

Die vorkonfektionierten Adapterkabel sind für den polungsrichtigen Anschluss an den WR auf der rechten Dachseite vorbereitet (Abbildung 11). Dabei werden lediglich die Adapterkabel (1) mit den freien Sumitomo Steckverbindern am Modul verbunden und MC seitig ergibt sich damit der polungsrichtige Anschluss für die Verlängerung zum WR. Die MC Adapterstecker (2) kommen bei dieser Variante NICHT zum Einsatz. Identisch wird vorgegangen wenn zwei oder drei Modulreihen in Serie verschaltet sind. Die Adapterkabel werden dann nicht wie in Abb. 5 an einem Modul angeschlossen sondern an den freien Anschlüssen der Serienschaltung (vergl. Abbildung 2). Die (bis zu drei) freien Enden der Parallelreihen müssen mit den Endsteckern (3) verschlossen werden.

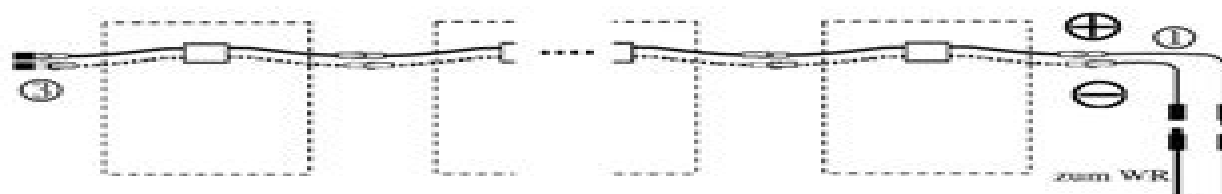


Abbildung 11: Prinzipzeichnung WR Anschluss RECHTE Dachseite: (Vorderansicht)

### 5.3 WR Anschluss LINKE Seite:

Anders verhält sich der Übergang wenn sich der Anschluss zum WR auf der linken Dachseite befindet. Aufgrund der Steckeranordnung zur Parallelverschaltung ist die Stecker/Buchsen Anordnung am Modul auf dieser Seite genau umgekehrt. Zusätzlich zum Adapterkabel (1), das den Übergang zum MC Stecksystem herstellt, müssen hier also die MC Adapterstecker (2) verwendet werden (Abbildung 12). Diese erzeugen einen Übergang Stecker-Stecker bzw. Buchse-Buchse zum polungsrichtigen Anschluss der MC Stringkabel. Diese Adapterstecker dürfen also **NUR** an dieser Stelle und genau der Anweisung in diesem Handbuch folgend eingesetzt werden. Der Einsatz an anderer Stelle hat den verpönten Anschluss des WR zur Folge und kann zur Zerstörung des Gerätes führen! Genauso zwingend aber müssen die Adapter für den WR Anschluss auf der linken Dachseite eingesetzt werden, da die alleinige Verwendung der Adapter-Kabel hier einen falsch gepolten WR

# Mhi Ma100t2 Instruction Guide

**JR Anderson**



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