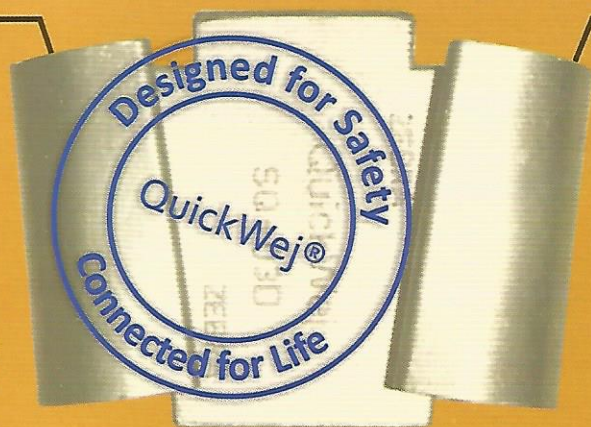


QuickWej® Systems

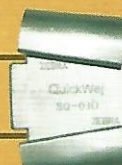


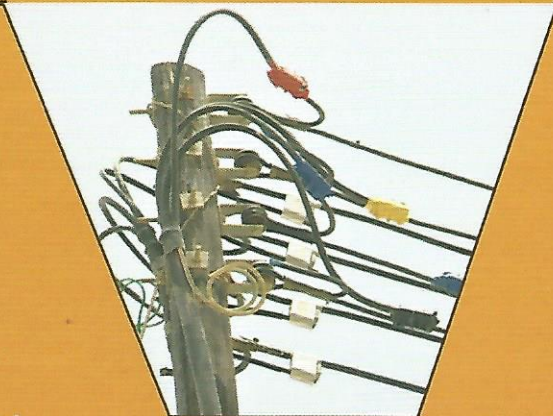
Quick, Easy & Safe Installation...
...Energy Efficient Connectors since 2007



- *NEARLY 1 MILLION CONNECTORS IN SUCCESSFUL OPERATION*
- *MEETS / EXCEEDS IS 5561, BS 3288 PART 1 & BS 159*
- *PROCESS GOVERNED BY ISO 9001:2008*
- *OVER 6 YEARS OF PROVEN PERFORMANCE*

www.quickwej.com

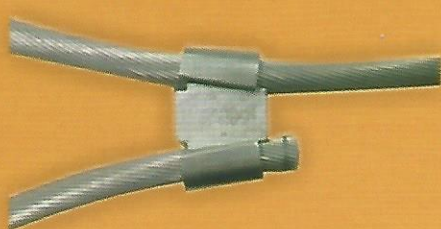




Why QuickWej?

Connectors are an indispensable part of electrical systems, be it LV, HV, or EHV. This fact has kept the connector industry always busy developing better connectors from time to time.

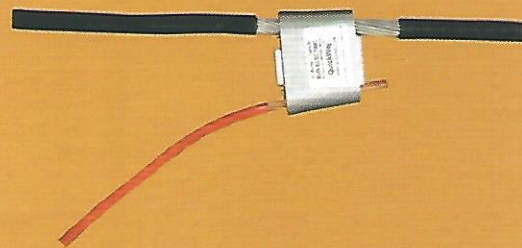
At Sun Electric, the R&D team has brought a revolutionary family of connectors, the QuickWej. QuickWej is a family of bolt-less power connectors, ideally suited for hostile weather conditions and heavily loaded electrical networks. QuickWej is a non-tension connector, suitable for voltage grades from 1.1kV to 400kV, with applications in substations and transmission & distribution networks.



QuickWej – Design and Engineering

QuickWej is designed to provide electrically and mechanically reliable connections with safe and easy installation procedure. This is a unique category of mechanical connectors that incorporate that a rigid wedge and a 'C' shaped spring member. During installation wedge is mechanically driven between the conductors into the 'C' member. This results in spreading the 'C' member, which in turn places high forces on the conductors for a reliable and stable connection. The connection is truly bolt-less.

Each connector is specific to the size mentioned on it. This exclusive feature ensures total conductor contact in the assembly and enhances connector performance.



QuickWej – Applications

- | | |
|------------------------------|---|
| Taps & Jumpers | - Bare/ Insulated Conductors |
| Conductors | - Aluminium, ACSR or Copper conductors. Both Circular & Segmented |
| Suitability | - Equal, Unequal, Aluminium-Copper conductors |
| Equipment Connections | - Transformers, CTs, PTs, Isolators |
| | Lightening Arrestors - Pad/Stud type - Single & Twin conductor configurations |
| EHV | - Connector with Corona rings |

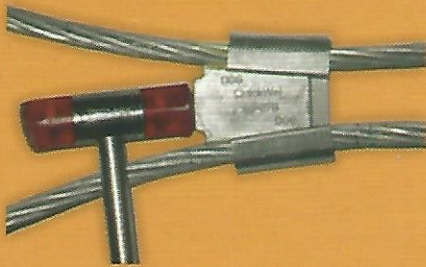
Visit us at www.quickwej.com for connector selection chart & technical information

QuickWej – Installation

Hammer does the installation of QuickWej

C member is placed on the conductors to be connected and wedge is held in place, pushed by hand to an extent possible

Wedge is hammered inside the 'C' member till the position where it flushes with the 'C' member completely



QuickWej – Advantages

Revenue Generator

QuickWej can harness electricity better

Saves energy and increases uptime

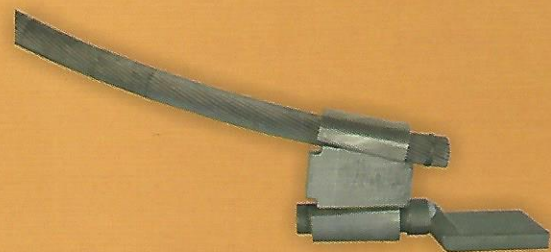
Endured Life Cycle

No skilled labour / special tools / special training required for installation

High connector reliability

Maintenance-free

Substantially reduced total ownership cost



QuickWej – Facts

Provides extremely low and stable contact resistance

Considerably lower I²R losses

Provides maximum contact surface between connector and conductors

Higher current carrying capacity than corresponding conductors

Anti-corrosive conductive gel improves contact surface and prevents corrosion

Superior heat dissipation due to large mass of 'C' body

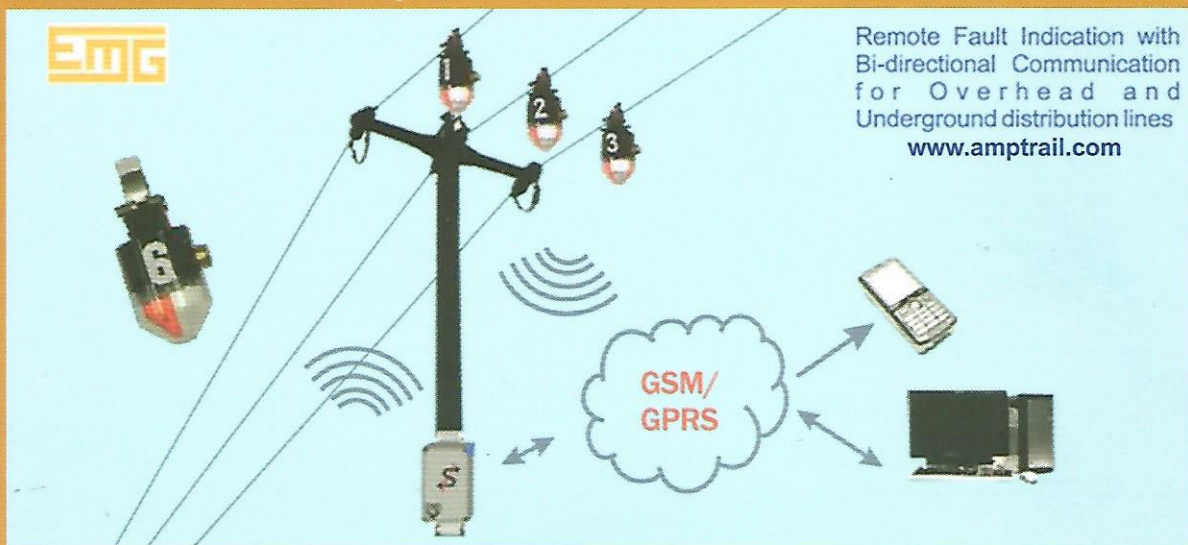
Spring effect of the C body maintains constant pressure on the conductors during varied load conditions

Call us / write to us for more details and prices

Our Clients...



Also available... **AmpTrail** – Remote Fault Indication Systems



Sun Electric

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