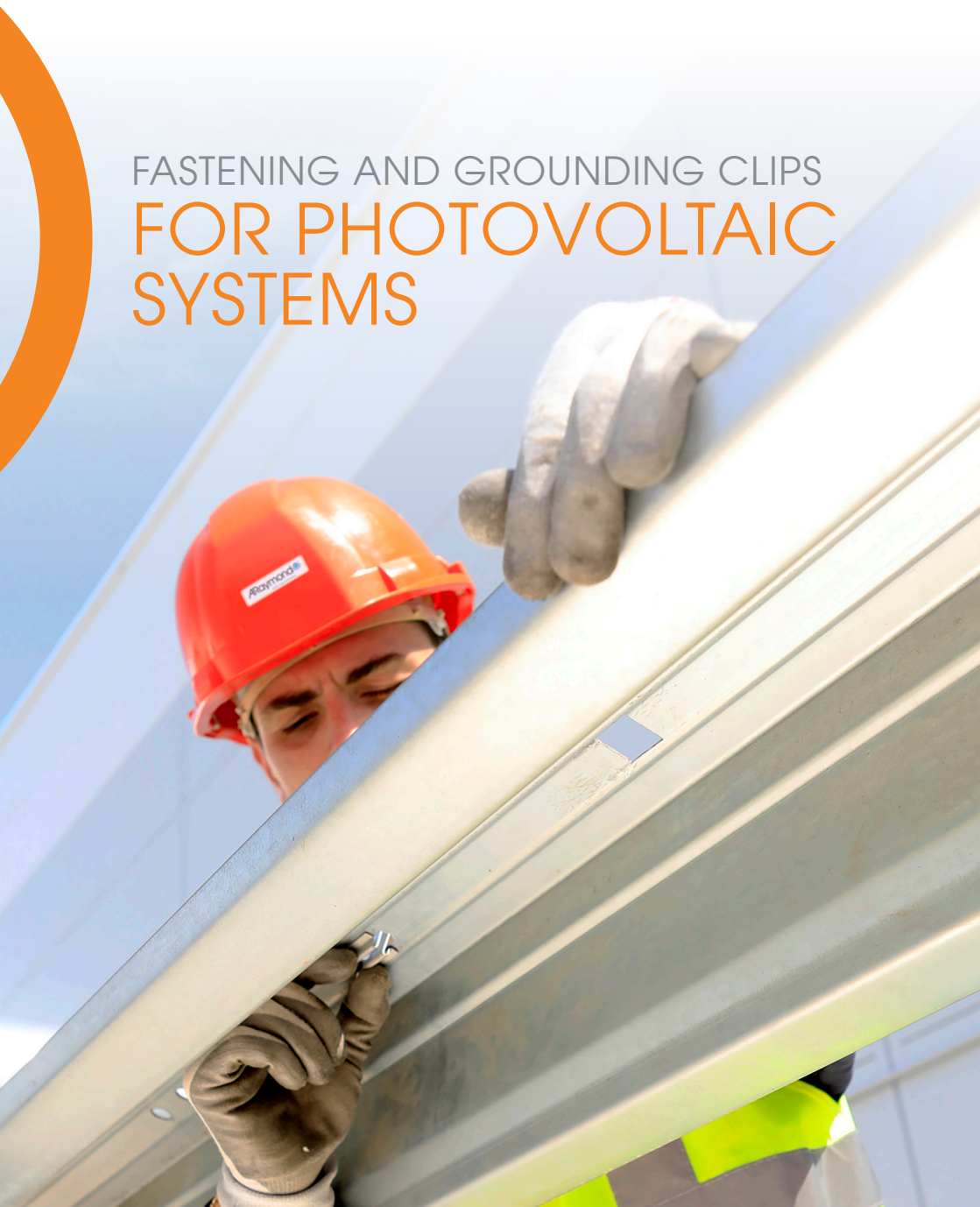


ARaymond®

FASTENING AND GROUNDING CLIPS
FOR PHOTOVOLTAIC
SYSTEMS





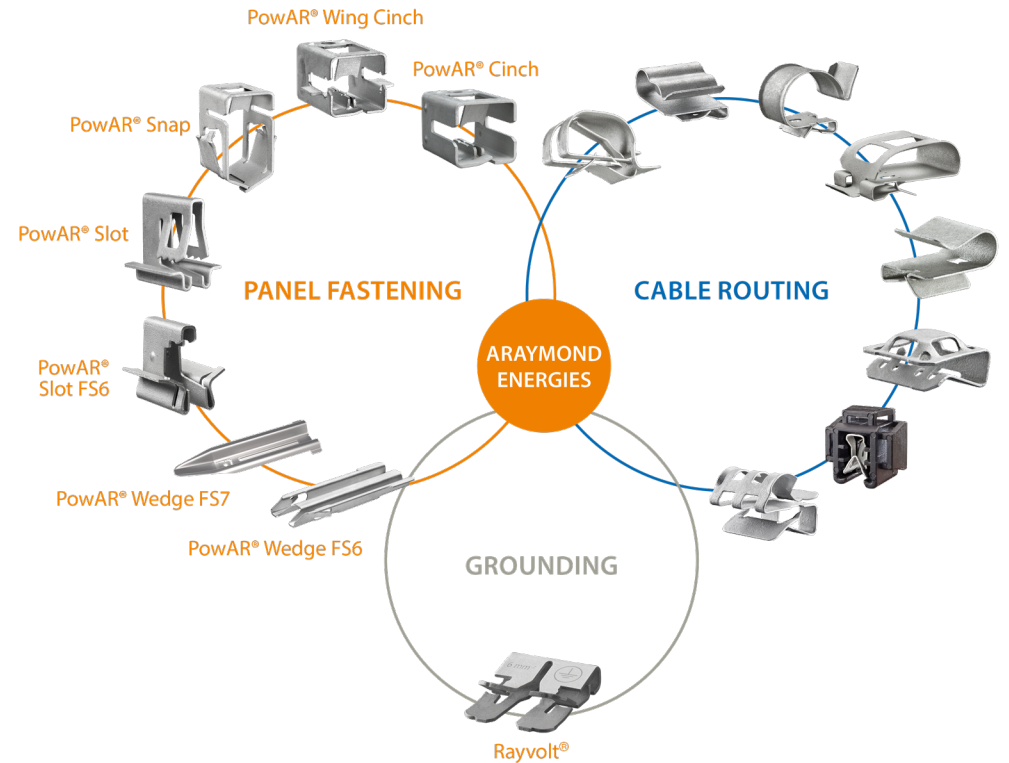
ARaymond believes in the importance of renewable energies for our future and is committed to developing breakthrough technologies in order to make the assembly process easier, faster, cheaper.

Rooftop structure with PowAR® Snap - INDIA

ARAYMOND ENERGIES

we focus on small, yet vital parts

Our clips allow photovoltaic panels to snap easily into place without the need for labor-intensive screw and bolt systems, significantly **reducing assembly time** and **suppressing screws retorquing maintenance**, thus making the whole installation **more cost efficient**.



PANEL FASTENING CLIPS

Clips work universally, accommodating any framed module.

Module assembly made easy

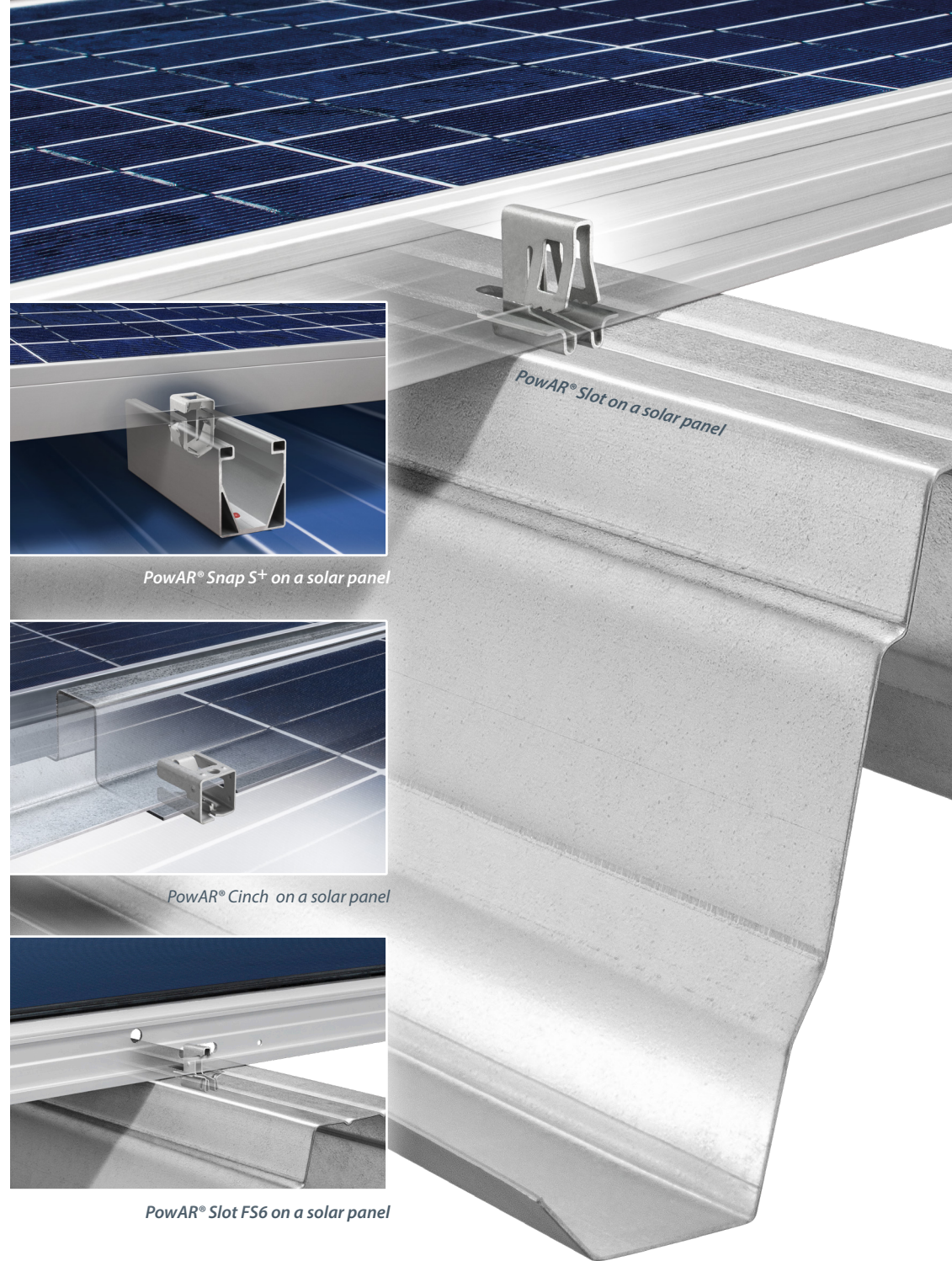
Quick, cost efficient, and ergonomic installation on site:

- No heavy or bulky tools required
- Safer installation as there is no need to climb onto the modules
- Clips eliminate need for loose componentry, reducing installation time and cost

Long-term performance

- Secure panel clamping, no loosening of the clips
- Vibration resistance
- No re-torque service requirements
- Theft deterrent features

ARAYMOND PRODUCTS APPLICATIONS	PowAR® Cinch	PowAR® Snap S+	PowAR® Slot	PowAR® Slot FS6	PowAR® Wedge
GROUND MOUNT	☆☆	☆☆	☆☆☆	☆☆☆	☆☆☆
TRACKER	☆☆☆				☆☆☆
TILT ROOFTOP		☆☆☆	☆		
CARPORT	☆☆	☆			☆☆☆



CABLE MANAGEMENT CLIPS

CABLE QUANTITY	ONE DIRECTION		MULTIDIRECTIONAL (with cable straps)		
	PARALLEL TO THE EDGE	PERPENDICULAR TO THE EDGE			
ONE CABLE	 228185	 018690	 019659	 208738	 236331
MULTIPLE CABLES	 228187	 220917			

Our dedicated selection of **robust metal and plastic** clips, cable straps and modular adapters for attaching cables over, along or on the side of module edges or rail structures.



CONNECTOR CLIP

Our connector clip ref. **263882** clip enables holding the connector above or under the PV frame.



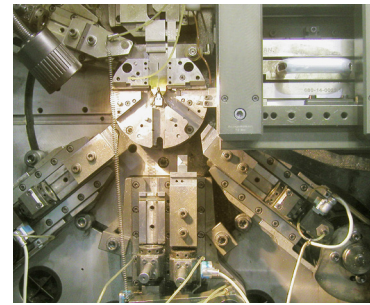
GROUNDING CLIP

Our **Rayvolt®** grounding clip enables stripping, connecting electrically and fastening the cable in **one easy, hassle-free step**.



Position the clip freely on the frame. It fits all aluminum frame panels ranging from 1.5 mm (0 1/16") to 2.5 mm (0 3/32") in thickness. Made for multi-strand flexible 6 mm² (0 15/64") green yellow cables.





ARAYMOND'S METAL CLIP-MAKING PROCESS

Raw material

All metal clips are made of C67S Carbon steel.



Stamping and bending

All clips are stamped and bent in one of our production lines.

Heat treatment

The clips are heated and austempered until 1200 MPa yield strength is achieved.



Surface coating

The clips are coated multiple times in a Zinc-Aluminum flaking bath.



ARAYMOND WORLDWIDE

International expert
in fastening and assembly solutions.



We bring more than 155 years of experience
in **product innovation** and **manufacturing** to provide our customers
with **ergonomic, easy and quick solutions**
for any assembly challenge.



Slide and Clip structure with PowAR® Cinch - FRANCE



Rooftop structure with PowAR® Snap - SOUTH AFRICA



Slide and Clip structure with PowAR® Cinch - AUSTRALIA



www.araymond-energies.com

HEADQUARTERS FRANCE

ARAYMOND ENERGIES SAS
123 rue Hilaire de Chardonnet
38000 Grenoble
FRANCE
Tel.: +33 456 52 61 60

IN THE WORLD

EMEA

contact@araymond-energies.com

China

contact.cn@araymond-energies.com

North America

contact.us@araymond-energies.com

Japan

contact.jp@araymond-energies.com

South America

contact.br@araymond-energies.com

India

contact.in@araymond-energies.com

Turkey

contact.tr@araymond-energies.com

South East Asia & Pacific

contact@araymond-energies.com

*ARaymond Energies SAS (RCS Grenoble 798 705 604) - ZI Technisud 123 rue Hilaire de Chardonnet - 38100 Grenoble - FRANCE has designed this leaflet. **"ARaymond Network" means a network of companies which have a license of use of ARAYMOND®. This leaflet is provided for information purposes only and does not constitute an offer or an agreement. ARaymond Energies makes no warranty or representation whatsoever, express or implied, including but not limited to the accuracy, reliability, novelty, completeness, fit for a particular purpose or merchantability of the information contained in it. If you need further information, please contact ARaymond Energies.

Brochure-04|2024-EN - ©Raygroup Communication. Photo Credit: ©ARaymond Network, ©Ronan Kerloch.