



Introducing Solar Identification Labels



KEY FEATURES

- Recommended for use in identification of DC Disconnects and Inverters.
- For use on painted smooth metal and textured metal surfaces.
- Excellent durability in extreme outdoor elements such as UV, rain, humidity, cold and salt spray.
- Multiple formats available
- RoHS Compliant
- Outdoor durability for this label is unmatched by other labels in its class.

DESCRIPTION

TE Connectivity introduces label solutions for Solar Panel Installation per the National Electric Code (NEC) specification. Labels are manufactured using ultraviolet (UV) resistant ink, permanent acrylic adhesive and base material designed to withstand environmental elements. A laminate is added to provide additional protection against prolonged UV exposure.

APPLICATIONS

Renewable Energy:

- Solar : DC Switches, Combiner Boxes
- Wind : DC Switches

TEMPERATURE RATINGS

Service Temperature:

- -51°C to 93.3°C (-60°F to 200°F)

STANDARDS AND SPECIFICATIONS

ASTM D 3652 : Physical Construction

ASTM D 3330 : Adhesion

ASTM D 2979 : Adhesion

ASTM D 1000 : Flammability

ASTM D 3759 : Tensile Strength and Elongation

MIL-STD 202G : Method 215

ASTM D 3424 : Method 4, UV Light exposure

ASTM G85 : Annex 5, Salt Spray - Prohesion

ASTM 81531 : Print Adherence

UL PGDQ2 MH17001

UL PGJ12 MH17292

MATERIALS

- High performance vinyl base material
- UV resistant ink
- UV resistant clear lamination

PRODUCT OFFERING

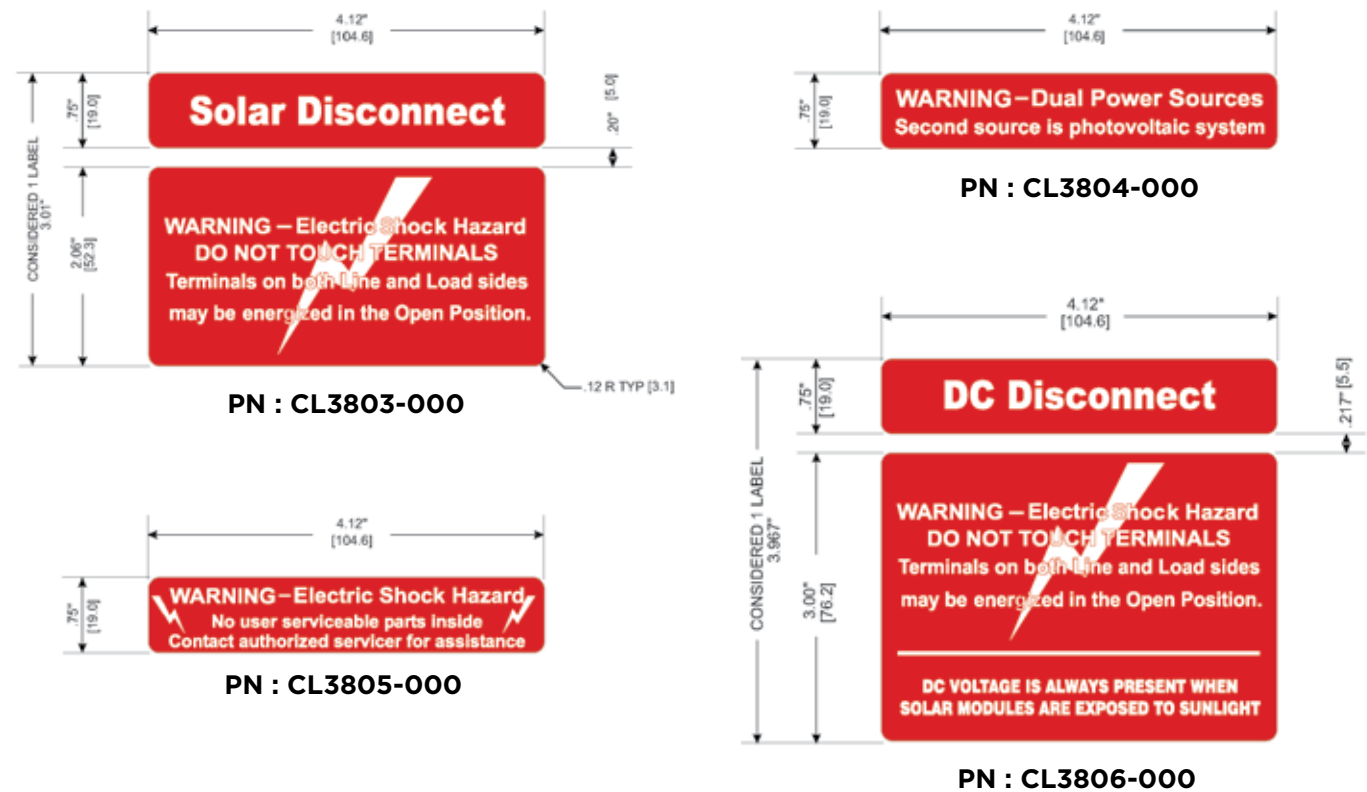
100 Quantity Per Roll

TE Ordering Description	SAP Part Number	Label Description
SOL-SD-104076-4-0.1	CN4616-000	Solar Disconnect
SOL-DCD-104100-4-0.1	CN4619-000	DC Disconnect
SOL-DPS-104019-4-0.1	CN4618-000	Warning - Dual Power Sources
SOL-EHS-104019-4-0.1	CN4617-000	Warning - Electric Shock Hazard

500 Quantity Per Roll

TE Ordering Description	SAP Part Number	Label Description
SOL-SD-104076-4-0.5	CL3803-000	Solar Disconnect
SOL-DCD-104100-4-0.5	CL3806-000	DC Disconnect
SOL-DPS-104019-4-0.5	CL3804-000	Warning - Dual Power Sources
SOL-EHS-104019-4-0.5	CL3805-000	Warning - Electric Shock Hazard

PRODUCT DIMENSIONS



PRODUCT OFFERING

100 Quantity Per Roll

TE Ordering Description	SAP Part Number	Label Description
SOL-SRS-127508N-1-4	CR0780-000	System Inverter Rating
SOL-CP-127508N-1-X	CR0781-000	Laminate for above label
SOL-SRS-127698N-1-4	CR0782-000	System Charge Controller Rating
SOL-CP-127698N-1-X	CR0783-000	Laminate for above label
SOL-SRS-812120N-1-4	CR0784-000	Generic System Rating
SOL-CP-812120N-1-X	CR0785-000	Laminate for above label

500 Quantity Per Roll

TE Ordering Description	SAP Part Number	Label Description
SOL-SRS-127508N-.5-4	CR0786-000	System Inverter Rating
SOL-CP-127508N-.5-X	CR0787-000	Laminate for above label
SOL-SRS-127698N-.5-4	CR0788-000	System Charge Controller Rating
SOL-CP-127698N-.5-X	CR0789-000	Laminate for above label
SOL-SRS-812120N-.5-4	CR0791-000	Generic System Rating
SOL-CP-812120N-.5-X	CR0792-000	Laminate for above label

NOTE : Solar labels SOL-SRS127508 and SOL-SRS127698 will be oriented on the roll so that they will be compatible with the thermal transfer printers. 1330-0607 is the recommended ribbon.

PRODUCT DIMENSIONS

SOL-SRS-127508N-1-4
5.00"W X 2.00"H

RATED OPERATING CURRENT:		A
RATED OPERATING VOLTAGE:		V
MAXIMUM SYSTEM VOLTAGE:		V
RATED SHORT-CIRCUIT CURRENT:		A

SOL-SRS-127698N-1-4
5.00"W X 2.75"H

RATED OPERATING CURRENT:		A
RATED OPERATING VOLTAGE:		V
MAXIMUM SYSTEM VOLTAGE:		V
RATED SHORT-CIRCUIT CURRENT:		A
POLARITY OF GROUNDED CONDUCTOR:		
MAXIMUM VOLTAGE:		V

SOL-SRS-812120N-1-4
3.20"W X 4.72"H

Peak Power:	
Max Power Voltage:	
Max Power Current:	
Max Open Circuit Voltage:	
Short Circuit Current:	



KEY FEATURES

- Reflectivity even in poor visibility and bad weather conditions.
- Its special impact and scratch resistant surface and flexibility make it suitable for identification in darkened areas, i.e, conduit raceways, enclosures, etc.
- Complies with international specifications for reflective materials including ASTM D4956.
- White reflective lettering jumps out from the red ink when hit with a light source like a flashlight.
- 7 – 10 year outdoor durability (longer for indoor or protected from weather).
- Highly flexible for uneven surfaces, painted, smooth metal or textured metal surfaces.
- Reflective properties are built in, not a 'charge time' film.
- Resistant to most oils and greases.

DESCRIPTION

Reflective solar labels are manufactured using retro reflective marking to provide emergency responders with appropriate warning and guidance relative to isolating the solar electric system. The label(s) were designed to be in accordance with the dimensional, functional and verbiage requirements established by the California Fire Marshall's April 2009, Solar Photovoltaic Installation Guideline.

APPLICATIONS

Use at the Main Service Disconnect, and DC conduit, raceways, enclosures, cable assemblies and junction boxes on solar photovoltaic installations.

MATERIALS

CAUTION SOLAR CIRCUIT : Permanent solvent based adhesive

5 mil retro-reflective cast PVC film

UV resistant over lam when applicable

STANDARDS AND SPECIFICATIONS

ASTM D 3652 : Physical Construction

ASTM D 3330 : Adhesion

ASTM D 2979 : Adhesion

ASTM D 1000 : Flammability

ASTM D 3759 : Tensile Strength and Elongation

MIL-STD 202G : Method 215

ASTM D 3424 : Method 4, UV Light exposure

ASTM G85 : Annex 5, Salt Spray - Prohesion

ASTM 81531 : Print Adherence

ASTM D4956 : Standard Specification for Retroreflective Sheeting for Traffic Control

PRODUCT OFFERING

Packs of 50 (10 labels/sheet, 5 sheets/pack)

TE Ordering Description	SAP Part Number	Dimensions	Label Description
SOL-SEC-305254-4-0.1	CN6557-000	1 x 12" (25.4 x 304.8")	CAUTION SOLAR ELECTRICAL SYSTEM
SOL-CSC-159254-4-0.1	CN4615-000	1 x 6.25" (25.4 x 158.75mm)	CAUTION SOLAR CIRCUIT

FOR MORE INFORMATION

te.com/products/solarlabels

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Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined www.te.com/leadfree

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