



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.

DESCRIPTIONS

Tyco Electronics 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 RATING

Service Temperature:

-51°C to 93.3°C (-60°F to 200°F)

SPECIFICATIONS & APPROVALS

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

MATERIALS

High performance vinyl base material

UV resistant ink

UV resistant clear lamination



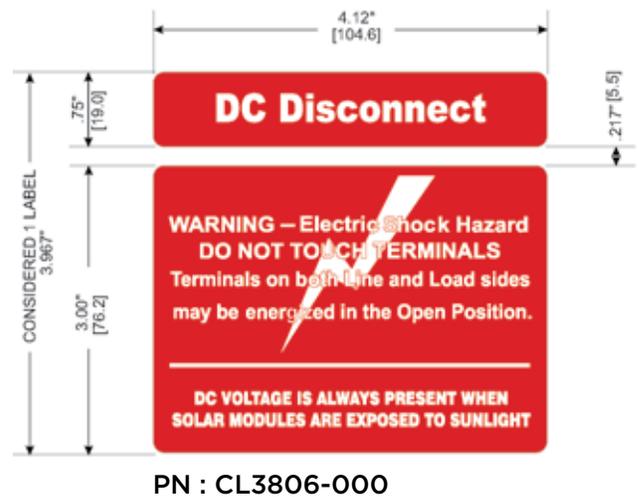
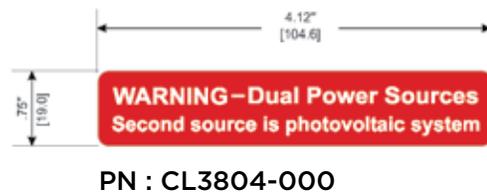
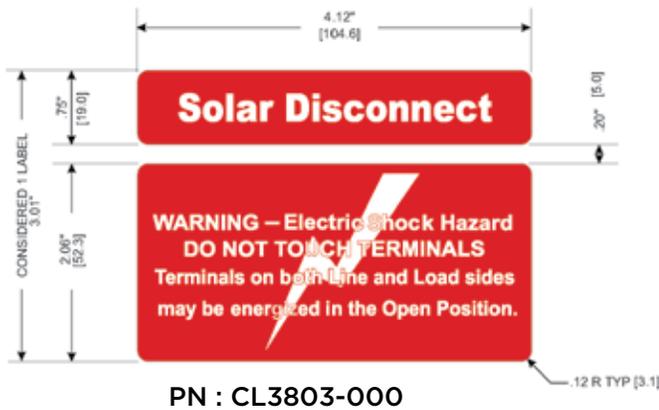
PRODUCT OFFERING AND DIMENSIONS

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 OFFERING AND DIMENSIONS

100 Quantity Per Roll

TE Ordering Description	Label Description
SOL-SRS-127508N-1-4	System Inverter Rating
SOL-CP-127508N-1-X	Laminate for above label
SOL-SRS-127698N-1-4	System Charge Controller Rating
SOL-CP-127698N-1-X	Laminate for above label
SOL-SRS-812120N-1-4	Generic System Rating
SOL-CP-812120N-1-X	Laminate for above label

500 Quantity Per Roll

TE Ordering Description	Label Description
SOL-SRS-127508N-.5-4	System Inverter Rating
SOL-CP-127508N-.5-X	Laminate for above label
SOL-SRS-127698N-.5-4	System Charge Controller Rating
SOL-CP-127698N-.5-X	Laminate for above label
SOL-SRS-812120N-.5-4	Generic System Rating
SOL-CP-812120N-.5-X	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.

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

RATED OPERATING CURRENT:	<input type="text"/>	A
RATED OPERATING VOLTAGE:	<input type="text"/>	V
MAXIMUM SYSTEM VOLTAGE:	<input type="text"/>	V
RATED SHORT-CIRCUIT CURRENT:	<input type="text"/>	A

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

RATED OPERATING CURRENT:	<input type="text"/>	A
RATED OPERATING VOLTAGE:	<input type="text"/>	V
MAXIMUM SYSTEM VOLTAGE:	<input type="text"/>	V
RATED SHORT-CIRCUIT CURRENT:	<input type="text"/>	A
POLARITY OF GROUNDED CONDUCTOR:	<input type="text"/>	
MAXIMUM VOLTAGE:	<input type="text"/>	V

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

Peak Power:	<input type="text"/>
Max Power Voltage:	<input type="text"/>
Max Power Current:	<input type="text"/>
Max Open Circuit Voltage:	<input type="text"/>
Short Circuit Current:	<input type="text"/>

Reflective Solar Labels

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.

DESCRIPTIONS

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 SPECS

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

TTDS-168 : Technical Data Sheet

PRODUCT OFFERING AND DIMENSIONS

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

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

FOR MORE INFORMATION

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