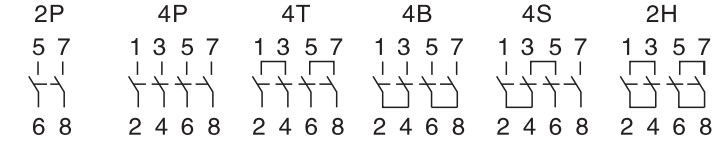
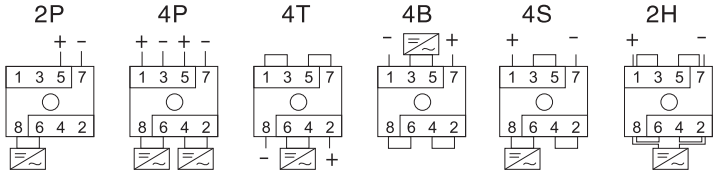
PV Switch Disconnector for Photovoltaics

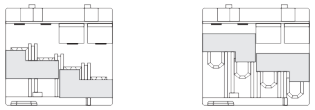
Wirinfg diagram



Switching examples



Bridging links installation

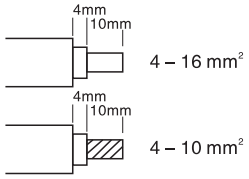


incorrect installation

correct installation

*please note that all connections (including bridging link connections) should be tightening before energization

Cable Cross Sections



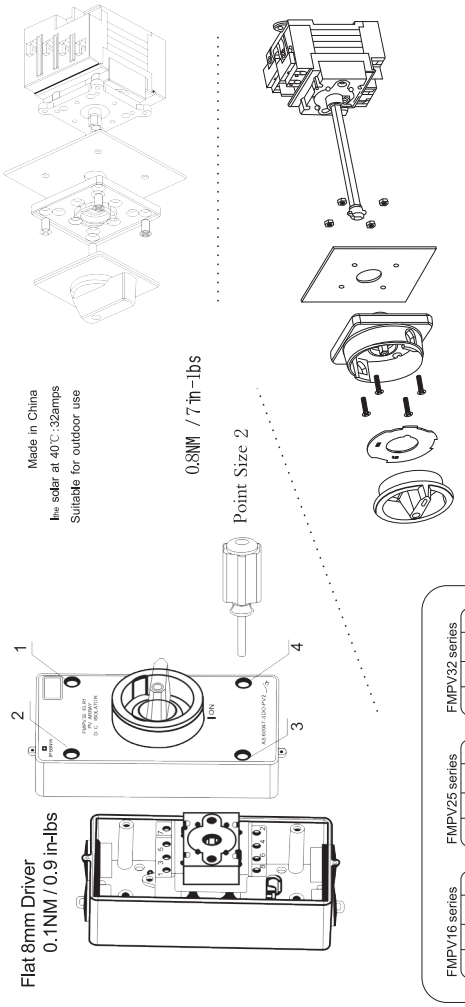
Terminal Screw Tightening

Phillips Point Size 1

1.2 – 1.8 Nm Torque

NOTE: Ensure all electrical connections (including factory connections) are tight, transport may loosen.

NOTE: Before use switch on and o several times ensuring the "SNAP" action can be heard and felt.

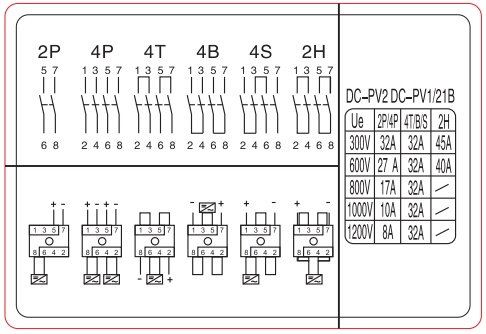


WARNING Verify that all connections (including bridging link connections) are suitable for the rated current, prepared to ensure only conductive parts are clamped and tightened to the manufacturers required torque before energization,

◆Be sure markings are not inverted.

◆Rotate Handle to the "OFF"position and locate shaft into switch body.

◆Tighten screws 1, 3, 2, 4: :IN THAT ORDER: :



IEC/EN 60947-3
DC-PV2 DC-PV1/21B
Ui=1200V Uimp=8kV
No Polarity
Ambient Temperarure:-40℃~+85℃
Made in china
Ithe Solar at 40℃=32amps
Ithe Solar at 60℃=29amps
Mounting Type
Enclosure (IP66NW) : Vertically/horizontally
Switch body(IP20) : Vertically