

**SIRCO MC PV** > Photovoltaic Load break switch  
**25A - 32A - 40A - 45A**

GB Assembly and wiring of SIRCO MC PV  
 F Montage et câblage des SIRCO MC PV  
 E Montaje y conexión de los SIRCO MC PV  
 It Montaggio e cablaggio dei SIRCO MC PV  
 De Einbau und Verdrahtung des SIRCO MC PV



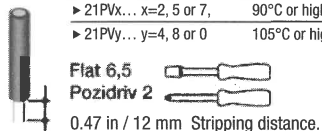
**1000Vdc**  
 ▶ 25A: 21PV3..2  
 ▶ 32A(UL): 40A(IEC): 21PVy..4; y=4, 8 or 0

**600Vdc**  
 ▶ 25A(UL): 30A(IEC): 21PVx..2; x=2, 5 or 7  
 ▶ 40A(IEC): 21PV3..4  
 ▶ 45A(UL): 21PVy..4; y=4, 8 or 0

**socomec**  
 Innovative Power Solutions  
 IS 540689-A

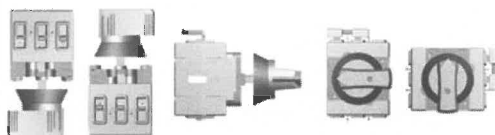
**1 Connection / Raccordement / Conexión / Collegamento / Anschluss**

Use copper conductors only,  
 ▶ 21PV3... 70°C or higher  
 ▶ 21PVx... x=2, 5 or 7, 90°C or higher  
 ▶ 21PVy... y=4, 8 or 0 105°C or higher



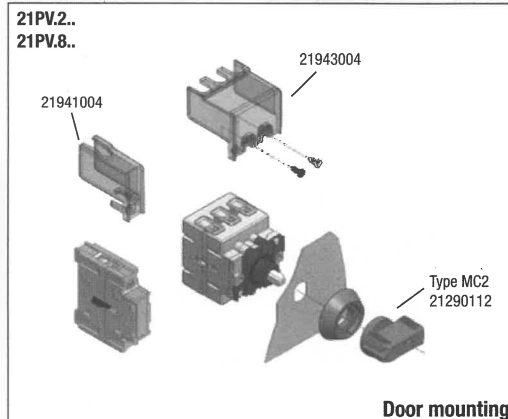
SIRCO MC PV	
Wire / Câble / Cable / Cavo / Kabel	Torque / Couple / Par de apriete / Coppia / Drehmoment
Solid or stranded: 1,5mm <sup>2</sup> -10mm <sup>2</sup> Flexible with ferrule: 1,5mm <sup>2</sup> -6mm <sup>2</sup>	10,6 lb.in / 1.2 Nm (IEC -CCC)
UL: 14-8 AWG (solid or stranded)	17,7 lb.in / 2 Nm (UL)

Mounting orientation / Sens de montage / Sentido de montaje / Senso di montaggio / Montagerichtung

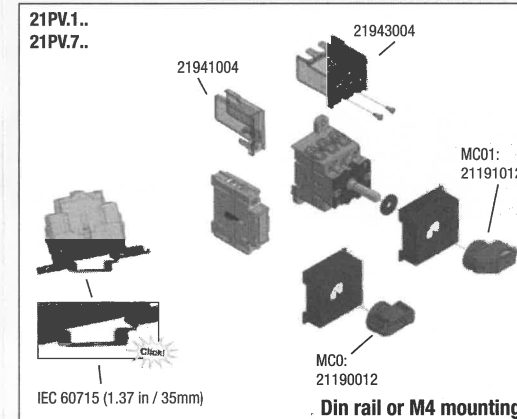


**3 ACCESSORIES / ACCESSOIRES / ACCESORIOS / ACCESSORI / ZUBEHÖR**

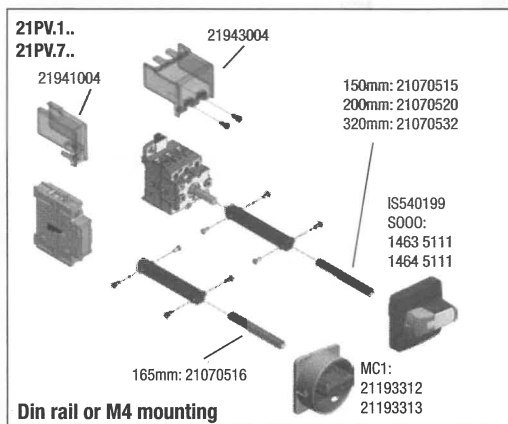
Door mounting / Montage sur porte / Montaje en puerta / Montaggio su porta / Tür einbau



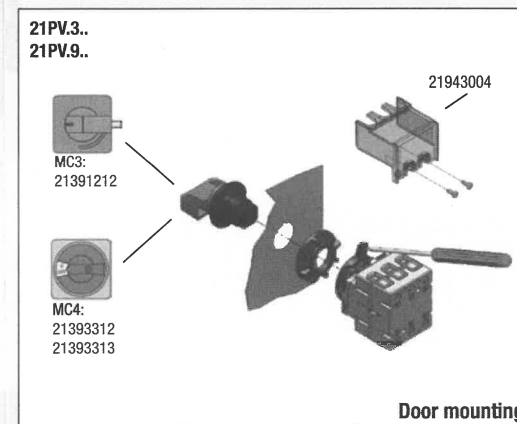
Direct operation / Commande directe / Mando para accionamiento directo / Comando diretto / Direktanttrieb



External operation / Commande extérieure / Mando exterior / Comando esterno / Türantrieb



Quickfix mounting / Montage Quickfix / Montaje Quickfix / Montaggio Quickfix / Quickfix-Einbau



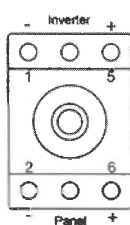
**2 Wiring and connections / Configuration raccordement / Conexión de los polos en series / Configurazione dei collegamenti / Anschluss von Polen in Reihe**



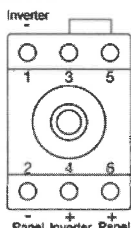
Obligatory / obligatoire / obligatorio / Obbligatorio / Notwendig

(any other configurations are not allowed / for all other references, see additional Instruction Sheetw)

21PV2102  
 21PV2162

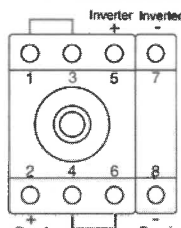


21PV3124  
 21PV3722

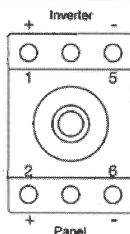


This configuration is not UL approved

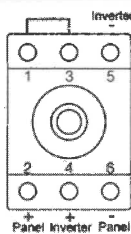
21PV4144



21PV2202  
 21PV2302

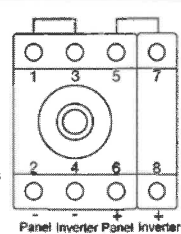


21PV3224  
 21PV3324  
 21PV3822



This configuration is not UL approved

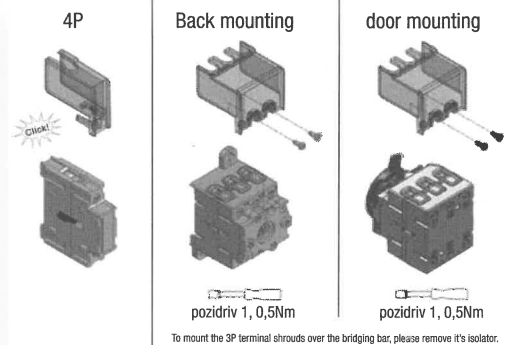
21PV4754



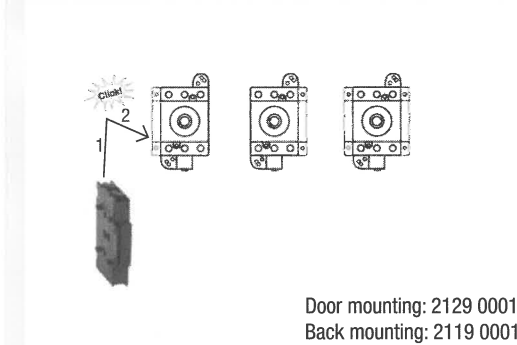
This configuration is not UL approved

Inverter: Onduleur / Inversor / Inverter / Wechselrichter  
 Panel: Panneaux / Panel / Pannelli / PV-Modul

**4 Terminal shrouds / Cache-bornes / Cubrebornas / Coprimorsetti / Klemmenabdeckungen**

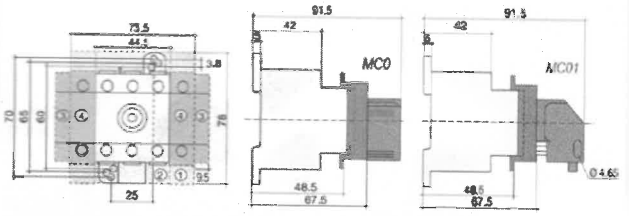


**5 Auxiliary contacts / Contacts auxiliaires / Contactos auxiliares / Contatti ausiliari / Hilfsschalter**

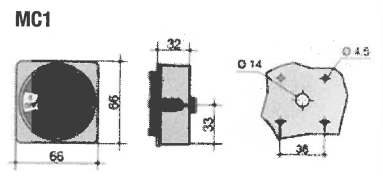


**6 Dimensions / Dimensions / Dimensiones / Dimensioni / Abmessungen (mm)**

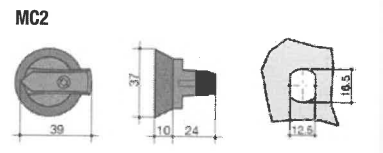
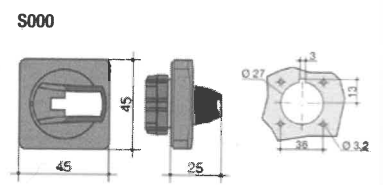
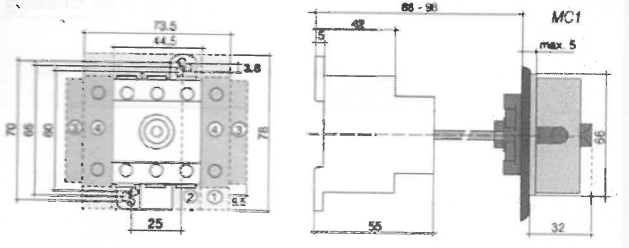
Direct operation / Commande directe / Mando para accionamiento directo / Comando diretto / Direktantrieb



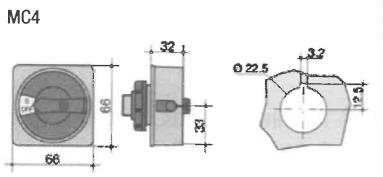
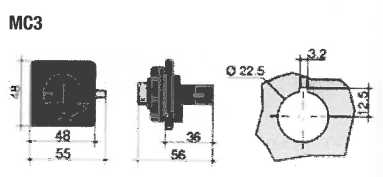
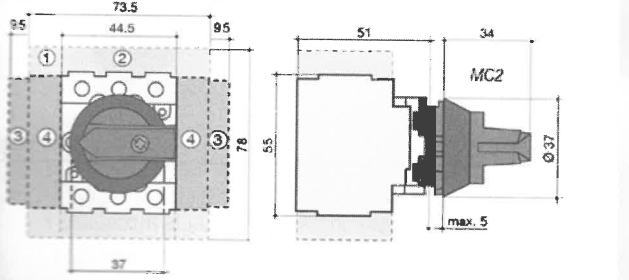
Handle Type Dimension Mounting



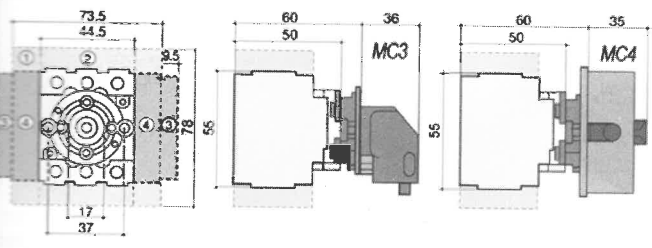
External operation / Commande extérieure / Mando exterior / Comando esterno / Türantrieb



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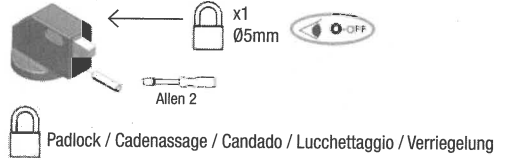
- 1 & 2: Terminal shrouds / Cache-bornes / Cubrebornas / Coprimorsetti / Klemmenabdeckungen : 1P & 3P
- 3: Auxiliary contacts / Contacts auxiliaires / Contactos auxiliares / Contatti ausiliari / Hilfsschalter
- 4: 4P

**7 Direct operation / Commande directe / Mando para accionamiento directo / Comando diretto / Direktantrieb**

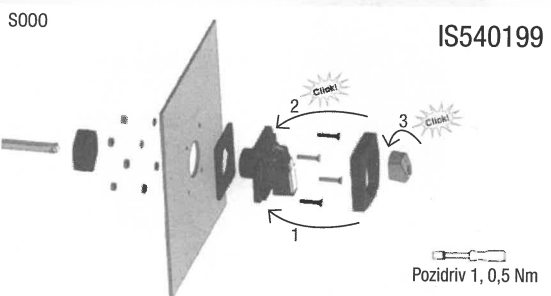
Typ MC0 & MC2



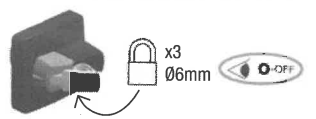
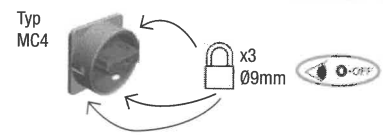
Typ MC01 & MC3



**8 External operation / Commande extérieure / Mando exterior / Comando esterno / Türantrieb**



Padlock / Cadenassage / Candado / Lucchettaggio / Verriegelung:



**! DANGER / DANGER / PELIGRO / PERICOLOSO / GEFAHR**

**HAZARDOUS VOLTAGE.** This equipment must be installed and serviced only by qualified electrical personnel. Turn off all power supplying this equipment before working on or inside equipment. Always use a properly rated voltage sensing device to confirm power is off. Replace all devices, doors, and covers before turning on power to this equipment. **Failure to follow these instructions will result in death or serious injury.**

**TENSION DANGEREUSE.** L'installation et l'entretien de cet appareil ne doivent être effectués que par du personnel qualifié. Coupez l'alimentation de cet appareil avant d'y travailler. Utilisez toujours un dispositif de détection de tension à valeur nominale approprié pour confirmer que toute alimentation est coupée. Remplacez tous les dispositifs de protection, les portes et les couvercles avant de mettre cet appareil sous tension. **Si ces précautions ne sont pas respectées, cela pourra entraîner la mort ou des blessures graves.**

**TENSION PELIGROSA.** Solamente el personal de mantenimiento eléctrico especializado deberá instalar y prestar servicios de mantenimiento a este equipo. Desenergice el equipo antes de realizar cualquier trabajo en él. Siempre utilice un dispositivo detector de tensión adecuado para confirmar la desenergización del equipo. Vuelva a colocar todos los dispositivos, las puertas y las cubiertas antes de energizar este equipo. **El incumplimiento de estas precauciones podrá causar la muerte o lesiones serias.**

**TENSIONE PERICOLOSA.** L'installazione e la manutenzione di questo apparecchio devono essere realizzate solo da personale qualificato. Si deve interrompere l'alimentazione prima di intervenire. Utilizzare sempre un apparecchio di rilevamento della tensione con un valore nominale appropriato per confermare che l'alimentazione è stata sezionata. Riposizionare tutti gli apparecchi, le porte e coperchi prima di rimettere questo apparecchio sotto tensione. **Se queste precauzioni non sono rispettate, può provocare infortuni gravi o la morte.**

**GEFÄHRliche SPANNUNG.** Der Einbau und die Wartung dieses Geräts darf nur durch qualifiziertes Fachpersonal durchgeführt werden. Bevor Arbeiten an dem Gerät durchgeführt werden, ist die Versorgung abzuschalten. Immer einen Spannungsprüfer verwenden um sicherzustellen, dass die Versorgungsspannung abgeschaltet wurde. Vor Wiedereinschalten der Versorgungsspannung prüfen, ob alle Schutzanlagen wie Türen und Deckel geschlossen sind. **Das Nichteinhalten dieser Sicherheitsregeln bedeutet Lebensgefahr oder kann ernsthafte Verletzung verursachen.**