

13.3 lb-in  
1,5 Nm  
pozidriv n°1

USED FOR  
UTILISE POUR  
UTILIZADO PARA

The diagram illustrates the correct and incorrect ways to connect fuses to the power lines. The top section shows the correct connection for the 60 Hz and 50 Hz power lines. The bottom section shows the incorrect connection for the 60 Hz and 50 Hz power lines.

**Correct Connection (Top):**

- 60 Hz:** The 10A fuse is connected to the 60 Hz line. The correct connection is shown for Pos I (10A) and Pos II (10A).
- 50 Hz:** The 1A fuse is connected to the 50 Hz line. The correct connection is shown for Pos I (1A) and Pos II (1A).

**Incorrect Connection (Bottom):**

- 60 Hz:** The 1A fuse is connected to the 60 Hz line. This is incorrect.
- 50 Hz:** The 1A fuse is connected to the 50 Hz line. This is incorrect.

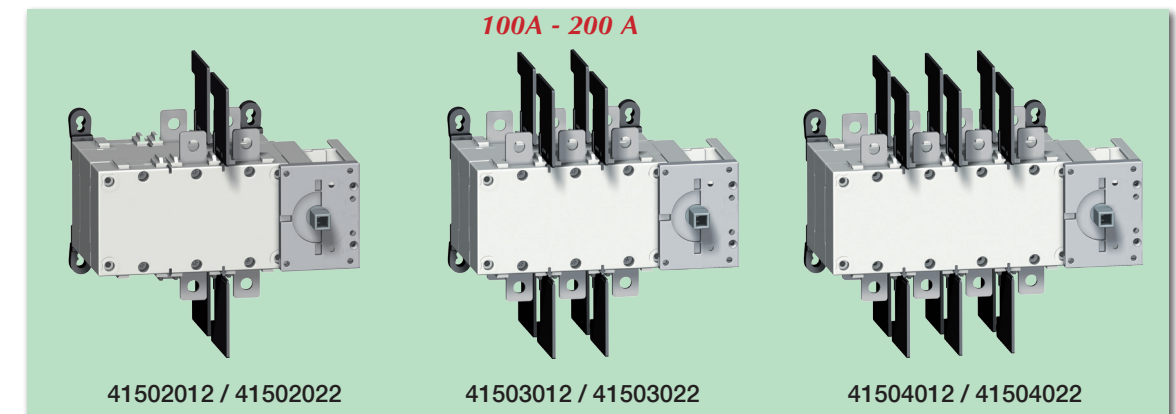
The diagram also includes a note: "1 (fast-on)" and a note: "2 (fast-on)".



542364C

## MANUAL TRANSFER SWITCH

**El incumplimiento de estas precauciones podrá causar la muerte o lesiones serias.**



41583021 (2/3P)  
41584021 (4P)

41994012

142D2113 / 142D2813  
142E2113 / 142E2813  
142F2113 / 142F2813  
142G2113 / 142G2813

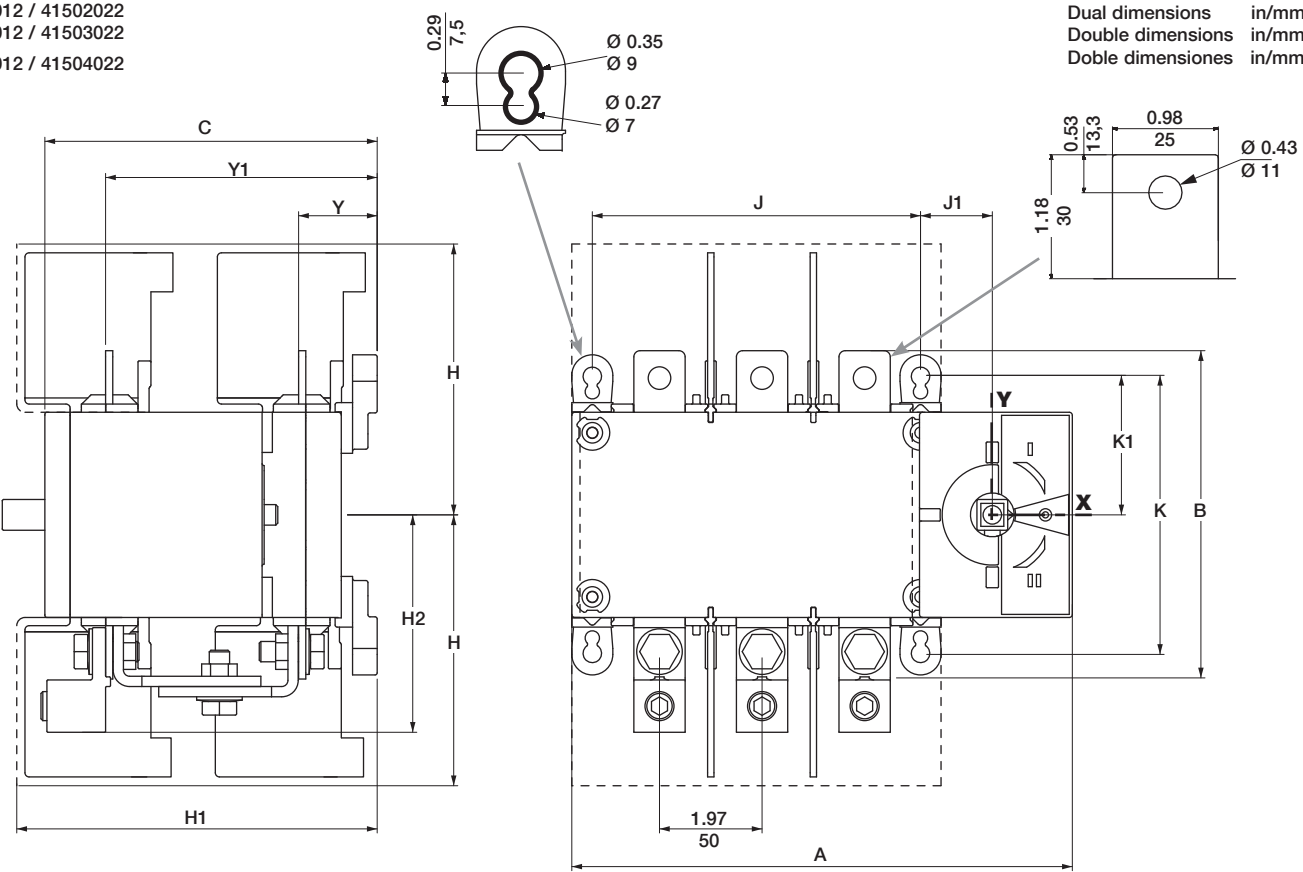
14001020  
14001032  
14001040



- 1

41502012 / 41502022  
41503012 / 41503022
- 2

41504012 / 41504022



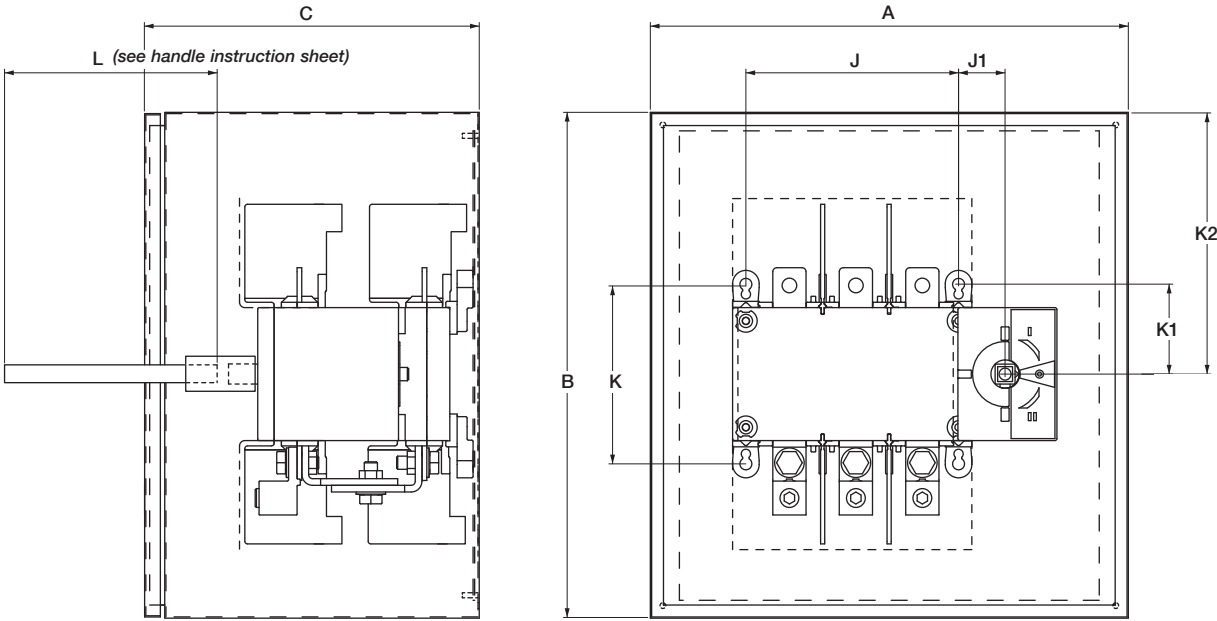
|        | A     |     | B    |     | C    |     | H    |     | H1   |     | H2   |     | J    |     | J1   |    | K    |     | K1   |      | Y    |      | Y1   |       |
|--------|-------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|----|------|-----|------|------|------|------|------|-------|
|        | in    | mm  | in   | mm  | in   | mm  | in   | mm  | in   | mm  | in   | mm  | in   | mm  | in   | mm | in   | mm  | in   | mm   | in   | mm   | in   | mm    |
| 1 2/3P | 9.60  | 244 | 6.30 | 160 | 6.37 | 162 | 5.08 | 129 | 6.93 | 176 | 4.21 | 107 | 6.30 | 160 | 1.37 | 35 | 5.31 | 135 | 2.65 | 67.5 | 1.51 | 38.5 | 5.21 | 132,5 |
| 2 4P   | 11.57 | 294 |      |     |      |     |      |     |      |     |      |     | 8.26 | 210 |      |    |      |     |      |      |      |      |      |       |

Minimum enclosure dimensions  
Dimensions minimum des coffrets  
Dimensiones mínimas de las cajas

- 1

41502012 / 41502022  
41503012 / 41503022
- 2

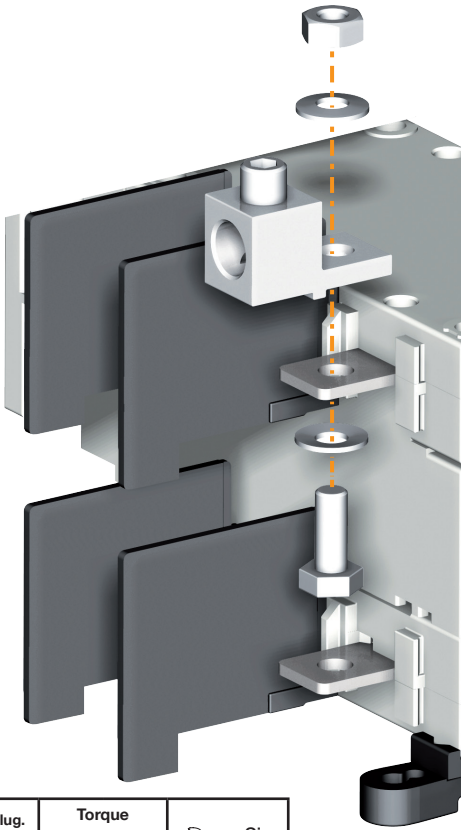
41504012 / 41504022



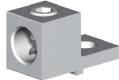
|        | A  |     | B  |     | C  |     | J    |     | J1   |    | K    |     | K1   |    | K2 |     |
|--------|----|-----|----|-----|----|-----|------|-----|------|----|------|-----|------|----|----|-----|
|        | in | mm  | in | mm  | in | mm  | in   | mm  | in   | mm | in   | mm  | in   | mm | in | mm  |
| 1 2/3P | 18 | 457 | 18 | 457 | 10 | 254 | 6.30 | 160 | 1.37 | 35 | 5.31 | 135 | 2.67 | 68 | 12 | 305 |
| 2 4P   |    |     |    |     |    |     | 8.26 | 210 |      |    |      |     |      |    |    |     |

Connection  
Raccordement  
Conexión

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Lugs<br>Bornes à cage<br>Bornes | USED FOR<br>UTILISE POUR<br>UTILIZADO PARA |
| 39542020 x3                     | 41502012 / 41502022                        |
| 39543020 x3                     | 41503012 / 41503022                        |
| 39544020 x3                     | 41504012 / 41504022                        |



When ordering ensure to order QTY 3 or each lug reference  
(2 x for source 1 and source 2 incoming power cables + 1x for outgoing cables)

| Ref. lugs<br>Ref. bornes à cage<br>Ref. bornes | Designation<br>Désignation<br>Designación                                                       | Quantity per reference.<br>Quantité par ref.<br>Cantidad por referencia | Size / Section<br>Sección ( AWG ) |           | Openings per lug.<br>Nombre de points de connexion.<br>Numero de puntos de conexión. | Torque<br>Couple<br>Par de apriete |    | Size |
|------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------|-----------|--------------------------------------------------------------------------------------|------------------------------------|----|------|
|                                                |                                                                                                 |                                                                         | min.                              | max.      |                                                                                      | lb-in                              | Nm |      |
| 39542020<br>39543020<br>39544020               |  CMC LA300-R | 2<br>3<br>4                                                             | # 6                               | 300 Kcmil | 1                                                                                    | 160                                | 18 | 13   |

|                                                            |                                            |
|------------------------------------------------------------|--------------------------------------------|
| Bridging bars<br>Barres de pontage<br>Pletina de puenteado | USED FOR<br>UTILISE POUR<br>UTILIZADO PARA |
| 41592021                                                   | 41502012 / 41502022                        |
| 41593021                                                   | 41503012 / 41503022                        |
| 41594021                                                   | 41504012 / 41504022                        |

