

# 1 Introduction

Finger guards fit over the soft starter's power terminals to increase IP rating and prevent accidental contact with live terminals. Finger guards provide IP20 protection when used with cable of diameter 22 mm or greater.

# 2 Installation



**CAUTION**

Disconnect the soft starter from all power sources before installing or servicing.

## 2.1 Models up to 220 A (110 kW)

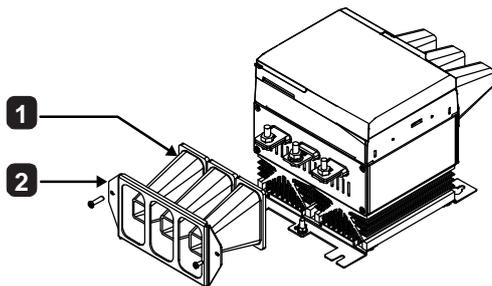
1. Compact soft starter only: Remove the top two screws from the plastic panel around the power terminals. Use these to screw the retaining bracket to the soft starter (step 4).
2. Place three finger guards side-by-side in one retaining bracket. Align the assembly so that the screw holes in the bracket match the screw holes in the soft starter.
3. Feed each power cable through the narrow end of each finger guard. Connect the cables to the appropriate terminals on the soft starter.
4. Screw the retaining bracket to the soft starter.
5. Repeat steps 1 to 4 for the other set of terminals.



**NOTE**

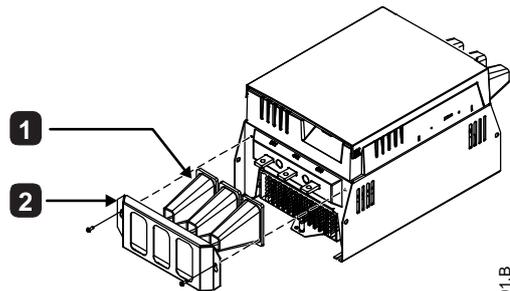
If the cables do not fit through the finger guards, shorten the finger guards at the narrow end to make a bigger opening.

*Compact soft starter*



12100.B

*Advanced soft starter*



12101.B

1	Finger guards
2	Retaining bracket

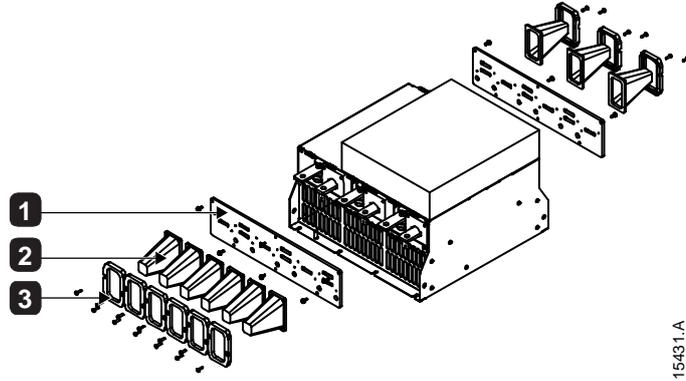
## 2.2 Models 0255 A to 0425 A (132 ~ 220 kW)



**WARNING**

Finger guards must be fitted to all terminals, even if no cable is connected.

1. Fit one polycarbonate end plate [1] over the busbars at one end of the starter, and screw in place.
2. Fit one polycarbonate retaining bracket [3] over each finger guard [2].
3. Feed each power cable through the narrow end of each finger guard. Connect the cables to the appropriate terminals on the soft starter.
4. Screw each retaining bracket into the end plate.
5. Repeat steps 1 to 4 for the other set of terminals.



1	End plate
2	Finger guards
3	Retaining brackets

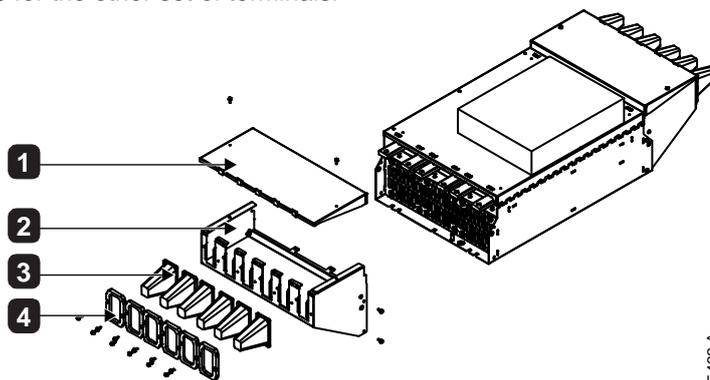
## 2.3 Models 500 A to 1000 A (250 ~ 560 kW)



**WARNING**

Finger guards must be fitted to all terminals, even if no cable is connected.

1. Fit one metal finger guard bracket [2] over the busbars at one end of the starter, and screw in place.
2. Fit one polycarbonate retaining bracket [4] over each finger guard [3].
3. Feed each power cable through the narrow end of each finger guard. Connect the cables to the appropriate terminals on the soft starter.
4. Screw each retaining bracket into the finger guard bracket.
5. Screw the metal finger guard cover [1] to the finger guard bracket.
6. Repeat steps 1 to 5 for the other set of terminals.



1	Finger guard cover
2	Finger guard bracket
3	Finger guards
4	Retaining brackets