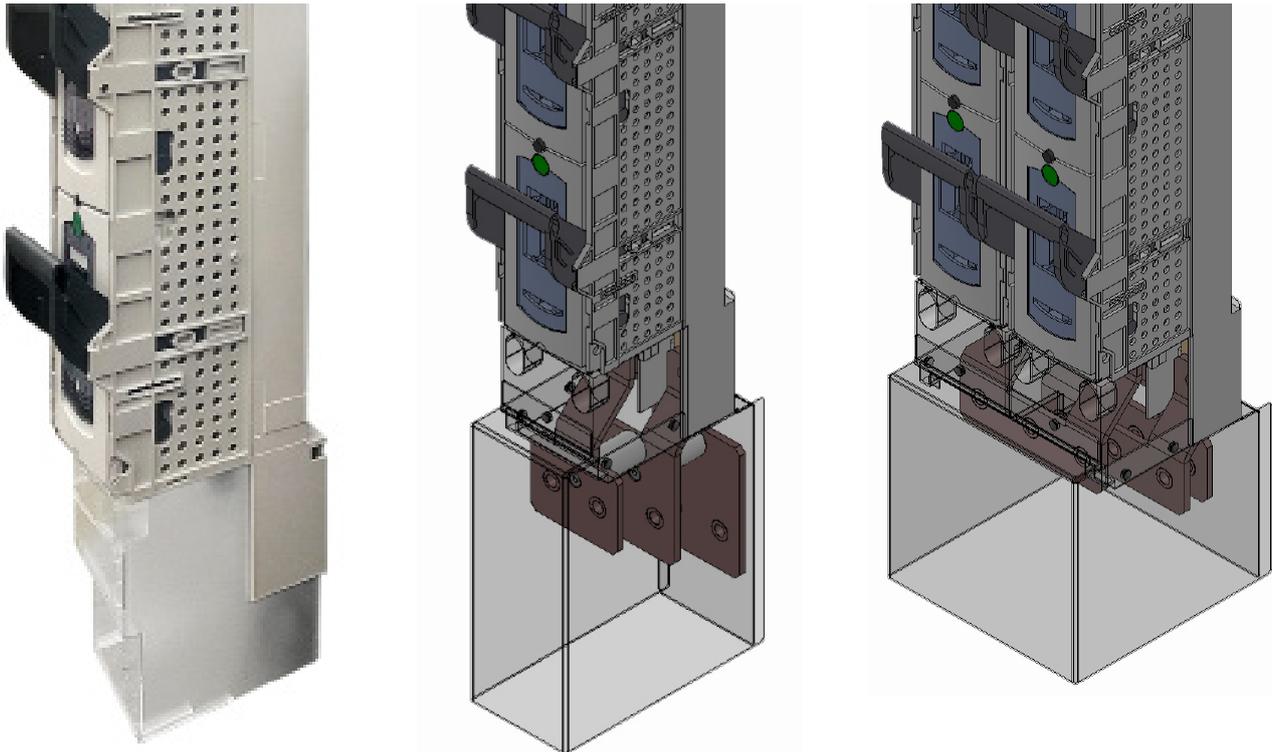


# Connections, spare covers, CTs and other accessories

For EFEN E3 vertical disconnects



**Hiko provides a range of accessories to make the latest generation of EFEN E3 vertical fuse switch disconnectors even more versatile.**

## Connections

Connection plates have been specially designed to enable the connection of large cross section cables and multiple cables. These are typically ordered with the EFEN E3 disconnecter as a complete assembly. The “compact single” connection is available as a retrofit kit.

Side entry tags are available for either the left or the right-hand side of the EFEN E3 disconnecter.

Hiko also engineers bespoke connection solutions for individual customer requirements.

## Spare covers

Connection plates are provided complete with covers; spare covers are available if required.

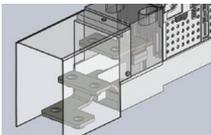
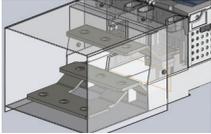
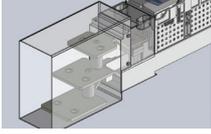
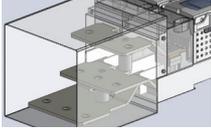
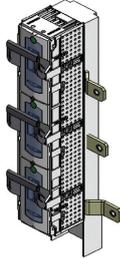
## Current transformers

The EFEN E3 disconnecter product line includes a specially designed range of Class 1 CTs that fit neatly onto the busbar connection tags, without increasing external dimensions.

## Other accessories

The range of accessories available also includes: V-clamps, for cable connection without compression crimping; mounting brackets to provide attachment points on the side of the EFEN E3 disconnecter; handle clips to identify a particular circuit such as the incomer; and CT cable covers, to protect the special CT wiring behind the disconnecter.

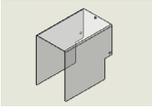
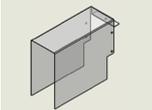
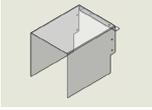
## Disconnect connection variants (pre-assembled)

Image	Disconnect types	Suffix <sup>1</sup>	Description	Rating (A)	Max conductor size (mm <sup>2</sup> )	Extended length to bottom connection centre line (mm)
	EFV2400 EFV3630 EFV3800 EFV31000	C	Compact single Also available as an accessory Hiko code EFA0005	1000	2x 300	103
	EFV31250 EFV31600 EFV32000	CD	Compact dual	2000	3x 630	114
	EFV2400 EFV3630 EFV3800 EFV31000	E	Extended single	1000	1x 630 or 2x 300	158
	EFV31250 EFV31600 EFV32000	ED	Extended dual	2000	3x 630	169
	EFV2400 EFV3630 EFV3800 EFV31000	SL	Side entry tags (left)	1000	-	-
		SR	Side entry tags (right)	1000	-	-

## Disconnect accessories

Image	For use with	Product code <sup>2</sup>	Description
	EFV2400 EFV3630 EFV3800 EFV31000	EFA0014	V-clamp Connector set
	EFV2400 EFV3630 EFV3630 EFV3800 EFV31000 EFV31250 EFV31600 EFV32000	EFA0005	Compact connection kit (set of 3x modified covers, brackets and bolts)
		EFA0013	Angle bracket (set of 4x for attachment points in the side of disconnects)
		EFA0006	Red handle clips (for identifying incomer)
		EFA0001	CT cable holder (clips on to the back of the disconnect)

## Spare covers<sup>3</sup>

Image	For use with disconnect types	Home code <sup>2</sup>	Description
	EFV3630 EFV3800 EFV31000	EFA0007	Standard E3 terminal cover
		PC023	Front cover for compact single
	EFV31250 EFV31600 EFV32000	PC027	Front cover for compact dual
	EFV3630 EFV3800 EFV31000	PC021	Front cover for extended single
	EFV31250 EFV31600 EFV32000	PC024	Front cover for extended dual

## Current transformers

Image	For use with disconnect types	Hiko Suffix <sup>1</sup>	Hiko Code <sup>2</sup>	Description	Rating <sup>4,5</sup> $I_n$ (A) : $I_{2n}$ (A)	Burden VA	Accuracy class
	EFV2400	250	EFCT250	Current transformer	250:5	5	1
	EFV3630		EFCT400		400:5		
	EFV3800	EFCT630	630:5				
	EFV31000	EFCT800	800:5				
	EFV31250						
	EFV31600	800	EFCT800		800:5		
	EFV32000						

### Notes

- When ordered as part of a disconnect assembly
- When ordered separately as a component
- Contact Hiko for installation guidelines
- Rated continuous current  $1.2 \times I_n$ ; rated short-time thermal current  $I_{th} = 60 \times I_n$  (max 50 kA); rated dynamic current  $2.5 \times I_{th}$  (max 120 kA)
- Highest equipment voltage  $U_m = 720$  V; rated ac withstand voltage 3 kVrms

### Other literature available on request

Type test reports, drawings, installation instructions

For more information contact your Hiko Power Engineering representative  
Hiko Power Engineering reserve the right to amend product details without notice.

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