



House Service Cut-Out Brochure

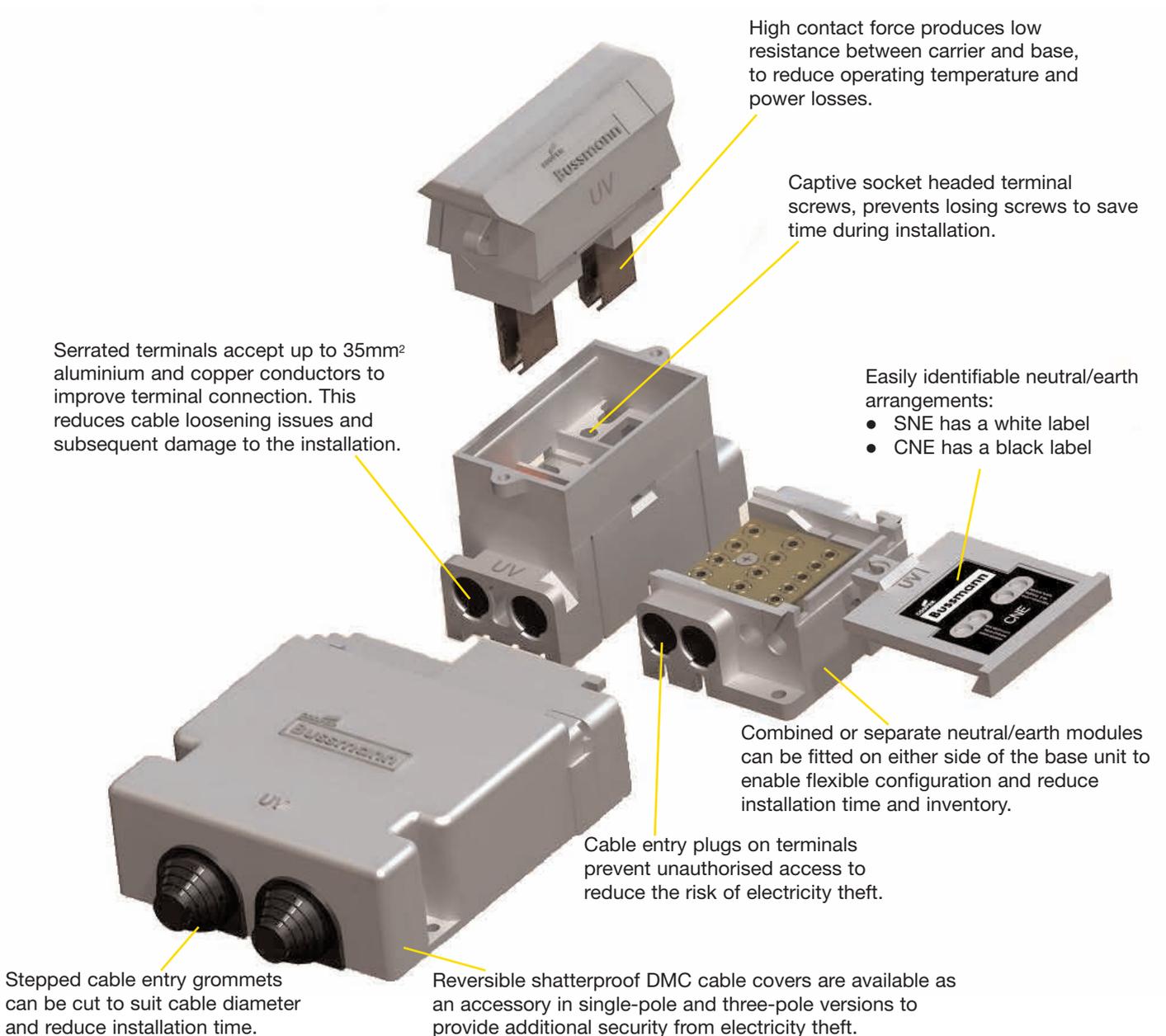
Introducing The Cooper Bussmann® House Service Cut-Out Range

The Cooper Bussmann modular, patent pending innovative design of House Service Cut-Outs (HSCO) ensure easy installation and total flexibility for use on Separate Neutral and Earth (SNE) and Combined Neutral and Earth (CNE) systems.

As one of the leading suppliers of BS 1361 House Service fuse links, the Cooper Bussmann moulded DMC cut-out is manufactured in accordance to BS 7657 and has carried out in-house tests witnessed by a third party. It is suitable for use in 240Vac and 415Vac applications.

The fuse carrier is available in 60/80A and 100A versions, accepting Ø 22mm and Ø 30mm BS 1361 fuse links respectively.

The Cooper Bussmann House Service Cut-Out has one of the lowest operating temperatures on the market, reducing power losses.



Modular Part Numbers

Part Number	Description	
6080SP	Single-pole unit 60/80A	
100SP*	Single-pole unit 100A	
CNE-HS	Combined neutral and earth module	
SNE-HS	Separate neutral and earth module	
Accessories		
SP-HS-COVER	Single-pole crutch cover	
TP-HS-COVER	Three-pole crutch cover	
SPARES-KIT-HS	2 grommets, 2 "H" mouldings, 1 adaptor, 1 screw	
TOOL-HS	Cable plug extraction tool	

* Available in November 2009

Flexible Modular Design

The modular design of the HSCO enables the product to be configured to the user's requirements.

Four parts (6080SP, 100SP*, CNE-HS and SNE-HS) can be assembled into ten different configurations, see opposite.



* Available in November 2009

Benefits of the Modular Design

The Cooper Bussmann modular building block approach enables up to ten different configurations from just four part numbers. This provides greater flexibility, reduces lead times and lowers the quantity of stock required by up to 20% and saves inventory costs.



6080SP



100SP*



CNE-HS



SNE-HS

Configurations

1 - 6080SP: 60/80A single-pole unit.



2 - 100SP*: 100A single-pole unit.



3 - 6080SP + CNE-HS: 60/80A single-pole unit with combined neutral and earth module.



4 - 100SP* + CNE-HS: 100A single-pole unit with combined neutral and earth module.



5 - 6080SP + SNE-HS: 60/80A single-pole unit with separate neutral and earth module.



6 - 100SP* + SNE-HS: 100A single-pole unit with separate neutral and earth module.



7 - 6080SP + CNE-HS (with CNE module on left hand side of holder):
60/80A single-pole unit with reverse polarity combined neutral and earth module.



8 - 100SP* + CNE-HS (with CNE module on left hand side of holder):
100A single-pole unit with reverse polarity combined neutral and earth module.



9 - 6080SP + SNE-HS (with SNE module on left hand side of holder):
60/80A single-pole unit with reverse polarity separate neutral and earth module.



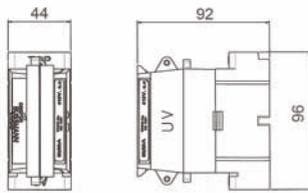
10 - 100SP* + SNE-HS (with SNE module on left hand side of holder):
100A single-pole unit with separate neutral and earth module reverse polarity



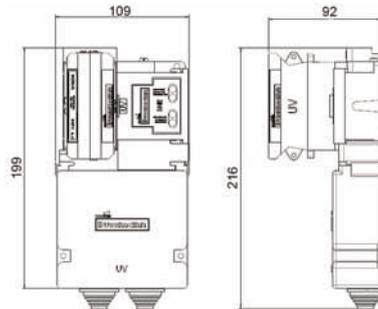
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Dimensions - mm

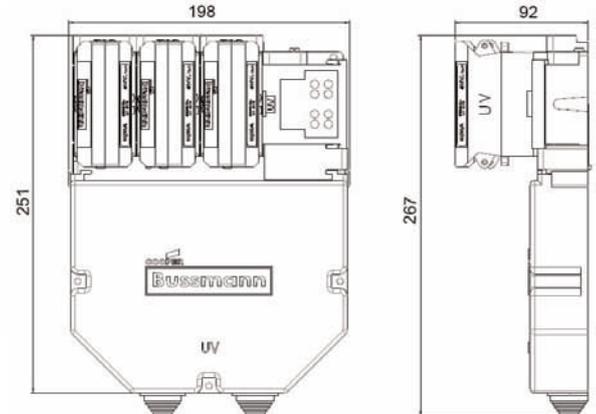
Single-Pole Configuration



Single-Pole and CNE or SNE configuration



Three-Pole and CNE or SNE configuration



House Service Cut-Out Cross Reference Table

Description	Cooper Bussmann Modular Part Numbers						WT Henley Part Numbers	Lucy Switchgear Part Numbers
	100SP	6080SP	CNE-HS	SNE-HS	SP-HS-COVER	TP-HS-COVER		
Single-pole combined neutral and earth unit 100A							54138-12	SPNE100
Single-pole combined neutral and earth unit 60/80A							54137-04	SPNE60/80
Single-pole separate neutral and earth unit 100A							54144-04	Not available
Single-pole separate neutral and earth unit 60/80A							54143-03	Not available
Single-pole unit 100A							54132-04 or 54142-07	SP100
Single-pole unit 60/80A							54131-04 or 54141-03	SP60/80
Single-pole and neutral crutch cover							54317-01	SPNE CC
Three-pole and neutral crutch cover							54318-02	TPNE CC

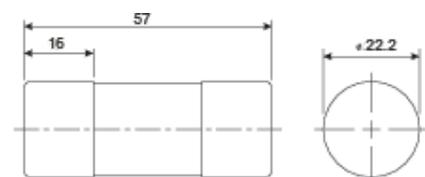
Fuse Link Selection

Cooper Bussmann is the market leading manufacturer of House Service fuse links which can be used within the House Service Cut-Out. Cooper Bussmann is also the only

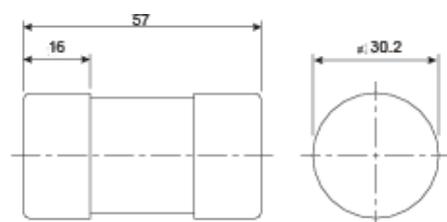
manufacturer of both House Service fuse links and cut-outs, offering a complete solution from one source, reducing the number of vendors to deal with.

Rating	Cooper Bussmann Part Numbers	Lawson Part Numbers	MEM Part Numbers	GEC Part Numbers
BS 1361 Fuse links for 60/80 carrier				
5A	5KR85	ME5	N/A	N/A
10A	10KR85	ME10	N/A	N/A
15A	15KR85	ME15	154R	RHF15
20A	20KR85	ME20	204R	RHF20
25A	25KR85	ME25	N/A	N/A
30A	30KR85	ME30	304R	RHF30
40A	40KR85	ME40	404R	RHF40
45A	45KR85	ME45	454R	N/A
50A	50KR85	ME50	504R	RHF50
60A	60KR85	ME60	604R	RHF60
70A	70KR85	ME70	N/A	N/A
80A	80KR85	ME80	804R	RHF80
BS 1361 Fuse links for 100 carrier				
30A	30LR85	MF30	N/A	N/A
40A	40LR85	MF40	N/A	N/A
50A	50LR85	MF50	N/A	N/A
60A	60LR85	MF60	604RL	RHL60
70A	70LR85	MF70	N/A	N/A
80A	80LR85	MF80	804RL	RHL80
100A	100LR85	MF100	1004RL	RHL100

Dimensions - mm



BS1361 Fuse links for 60/80A carrier



BS1361 Fuse links for 100A carrier

Cooper Bussmann® Products and Technical Expertise Delivered Worldwide

Customer Assistance

Customer Satisfaction Team

The Cooper Bussmann Customer Satisfaction Team is available to answer questions regarding Cooper Bussmann products.

Calls can be made between:

Monday-Thursday 7.30 am - 5.30 pm GMT
Friday 7.30 am - 5.00 pm GMT

The Customer Satisfaction Team can be reached via:

- Phone: 00 44 (0) 1509 882 600
- Fax: 00 44 (0) 1509 882 786
- E-mail: bulesales@cooperindustries.com

Application Engineering

Application Engineering assistance is available to all customers. The Application Engineering team is staffed by university-qualified electrical engineers who are available by phone with technical and application support.

Monday – Thursday 8.30 am – 4.30 pm GMT
Friday 8.30 am - 4.00 pm GMT

Application Engineering can be reached via phone, fax or email:

- Phone: 00 44 (0) 1509 882 699
- Fax: 00 44 (0) 1509 882 794
- E-mail: buletechnical@cooperindustries.com

Online Resources

Visit www.cooperbussmann.com for the following resources:

- Product cross reference
- Product data sheets
- Product profiles
- Online catalogues for the latest United States and European Catalogues

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