



ELPRESS®



Next generation C-Sleeves

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– 8 new branching sleeves replace 41 existing C-sleeves!



Properties

- Unique program.
- Patented solution.
- Simplifies installation.
- 8 branching sleeves replace 39 existing C-sleeves.
- Same dies as before – but fewer variants (BC16, BC11 and BC4 are withdrawn).
- Expanded area of use, conductors with cross sectional areas of 300 mm² can now be branched with 95, 70, 50 and 25 mm².
- Short-circuit tested in accordance with IEC 61238-1.
- Environmentally and quality certified according to ISO14001 and ISO9001.
- Material: Copper (Cu), tin plated (Cu/Sn)
- Possible to front feed all branches.

Just as before, these branching sleeves are suitable for splicing and branching Cu conductors for earthing, lightning conductor installations and other earthing and potential equalisation applications. Ideal for earthing in ground. Elpress crimping tools and corresponding dies used when crimping these sleeves. No other tools or dies required.

See table on following page.



C240-300

E-number 0811969



C150-185

0811970



C95-120

0825320



C70-95

0811971



C50-70

0811972



C25-50

0811973
(Same as C89)



C16-25

0811974



C6-10

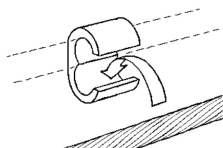
0811974

Reference list

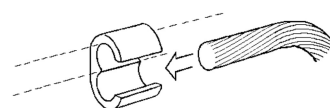
New sleeve <i>Dies</i>	Replaces		
		Master line mm²	Branch mm²
C6-10 BC5	C4 C5	6-10 16	6-10 10
C16-25 BC6	C6 C6-3	16-25 25	16-25 2 x 2,5-10
C25-50 BC89	C89	25-50 35-50	25-50 16
C50-70 BC13	C11 C11-9 C11-8 C13-9 C13-8	70 70 70 95 95	70 50 35-25 50 35-25
C70-95 BC13	C13 C13-13 C13-11 C15-11 C15-9 C15-8	95 50 95 120 120 120	95* 2x50 70 70* 50 35-25
C95-120 BC15	C15 C15-13 C16-13 C16-9 C18-9 C18-8	120-95 120 150-120 150 185 185	120-95 95-70 70 50-25 50 35
C150-185 BC18	C16 C16-13 C18 C18-16 C18-15 C18-13 C18-11 C18/23-8 C21-15 C21-13 C21-11 C21-9 C21-8 C21-18 C23-16	150 150 185 185 185 185 185 185 300 240 240 240 240 240 240 240 300	150-120 95 185 150 120 90 70 300 120 95 70 500 35 185 120
C240-300 BC21	C21 C23-21 C23-18 C23-16	240 300 300 300	240 240 185 150

* Side fed, front feed in C95-120

** Side fed, front feed in C23



Front feed



Side feed

Total area mm²	Combinations of conductors, mm²							
	Cross section area - Main conductor / Cross section area - Branch							
540								300/240
485								300/185
480								240/240
450								300/150
425							240/185 ⁵	
420							300/120	
395							300/95	
390							240/150	
370							300/70	
							185/185	
360							240/120	
350							300/50	
							300/35	
335							240/95	
							185/150	
325							300/25	
310							240/70	
305							185/120	
300							150/150	
290							240/50	
280							185/95	
275							240/35	
270							150/120	
265							240/25	
255							185/70	
245							150/95	
240						120/120		
235						185/50		
						150/70		
220						185/35		
215						120/95		
210						185/25		
200						150/50		
190					120/70 ⁴	120/70		
					95/95 ⁴	95/95		
185						150/35		
175						150/25		
170					120/50			
165					95/70			
155					120/35			
145				95/50	95/50			
					120/25			
140				70/70	70/70			
130				95/35				
120				70/50				
				95/25				
105				70/35				
100			50/50	50/50				
95				70/25				
85			50/35					
75			50/25					
70			35/35					
66			50/16					
60			35/25					
			50/10					
56			50/6					
51			35/16					
50		25/25	25/25					
41		25/16						
35		25/10						
32		16/16						
31		25/6						
26	16/10							
22	16/6							
20	10/10							
16	10/6							
12	6/6							
Name	C6-10	C16-25	C25-50	C50-70	C70-95	C95-120	C150-185	C240-300
Conductor mm²	6-16	5-25	6-50	25-95	25-120	25-185	25-300	150-300
Total area mm²	12-26	30-50	50-100	95-145	140-190	175-240	245-425	450-540

V611

T2600

PVX611

V600

V1300

V1311

PVX1300

V1300C2

V1311C2

PVX1300C2

V250

Die Number

2 Crimps B25C21

2 Crimps B25C18

3 Crimps 13BC15

3 Crimps 13CBC15

2 Crimps BC15

3 Crimps 13BC13

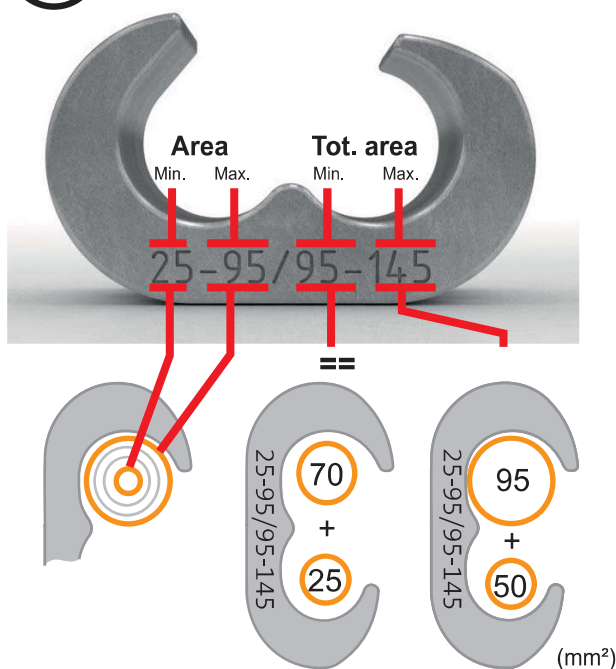
3 Crimps 13CBC13

1 Crimp BC13¹

3

PATENTED

A



B



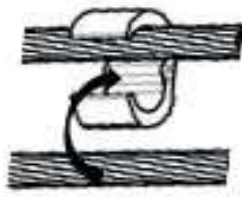
A

B

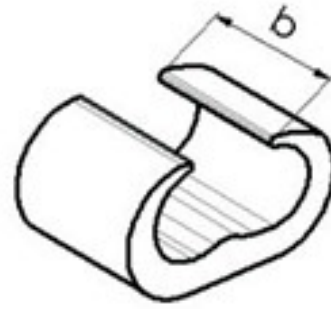
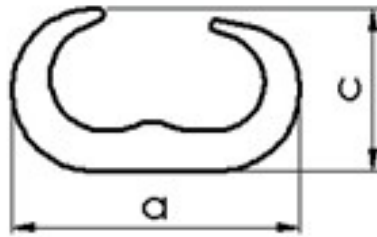
C6-10	C16-25	C25-50	C50-70	C70-95	C95-120	C150-185	C240-300
6-16/12-26	5-25/30-50	6-50/50-100	25-95/95-145	25-120/140-190	25-185/175-240	25-300/245-425	150-300/450-540
5	6	89	13	13	15	18	21

ELPRESS C-SLEEVES													
MAIN	300				C150-185	C150-185	C150-185	C150-185	C150-185	C150-185	C240-300	C240-300	C240-300
	240				C150-185	C150-185	C150-185	C150-185	C150-185	C150-185	C150-185	C150-185	C240-300
	185				C95-120	C95-120	C95-120	C150-185	C150-185	C150-185	C150-185	C150-185	
	150				C95-120	C95-120	C95-120	C95-120	C150-185	C150-185	C150-185		
	120				C70-95	C70-95	C70-95	C70-95 C95-120	C95-120	C95-120			
	95				C50-70	C50-70	C50-70 C70-95	C70-95	C70-95 C95-120				
	70				C50-70	C50-70	C50-70	C50-70 C70-95					
	50	C25-50	C25-50	C25-50	C25-50	C25-50	C25-50 C50-70						
	35			C25-50	C25-50	C25-50							
	25	C16-25	C16-25	C16-25	C16-25 C25-50								
	16	C6-10	C6-10	C16-25									
	10	C6-10	C6-10										
6	C6-10												
 mm ²		6	10	16	25	35	50	70	95	120	150	185	240
		BRANCH											

Data Sheet C-Sleeves



Front feed



Cat. No	Conductor Area	mm			kg	Die No.	Label Area/Tot.Area
		a	b	c			
C6-10	6-10/6-10 16/10	17,6	14	10	0,011	5	6-16 / 12-26
C16-25	16-25/16-25 25/2*2,5-10	22	16	12	0,018	6	5-25 / 30-50
C25-50	25-50/25-50 16/35-50	30	18	16	0,040	89	6-50 / 30-50
C50-70	50/50 70/25-70 95/25-50	37	30	22	0,097	13	25-95 / 95-145
C70-95	70/70 95/50-95*	120/25-70*	39	30	22,1	13	25-120 / 140-190
C95-120	95/95 120/70-120 150/25-70 185/25-50	45	35	25,6	0,133	15	25-185 / 175-240
C150-185	150/95-150 185/70-185 240/25-185 300/25-120	62,5	40	34,2	0,329	18	25-300 / 245-425
C240-300	240/240 300/150-240	72	50	40,7	0,555	21	150-300 / 420-540

*Front feed of 95/95 and 120/70 in C95-120