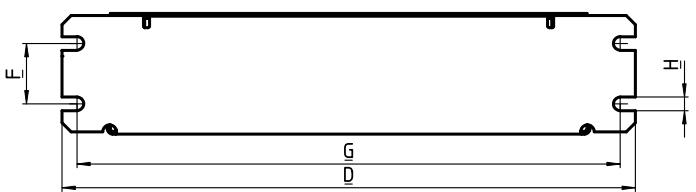
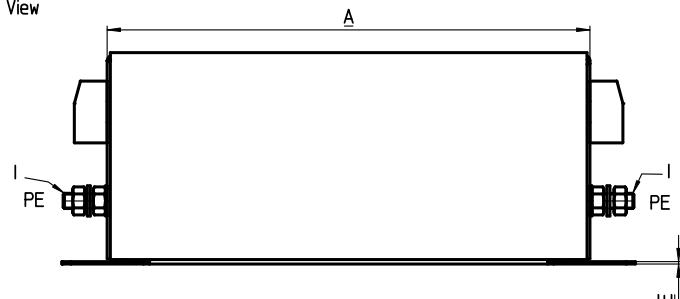


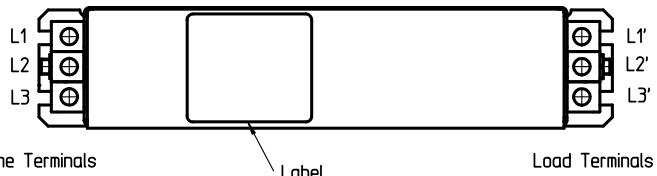
Bottom View



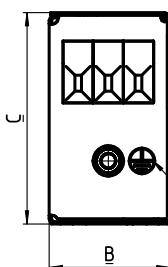
Side View



Top View



Front View

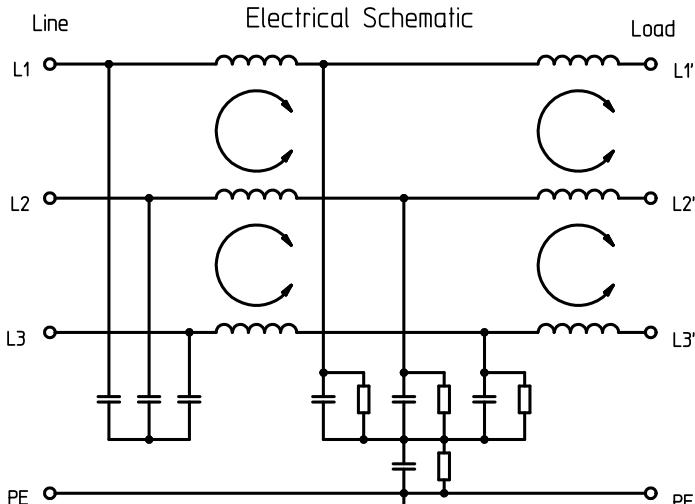


Coined Earthing Symbol  
on both sides

## Dimensions

	7BCF10	16BCF10	30BCF10	42BCF10	55BCF10	75BCF10	100BCF10	130BCF10	180BCF10	Tol.
A	160	220	240	280	220		240		350	±1
B	40	45		50	85	80	90 ±0,8	120 ±0,8	120 ±0,6	
C	70 ±0,6			85	90	135 ±1	150 ±1	170 ±1	170 ±0,8	
D	190	250	270	310	250		270		380	±1
E			0,8				1			±0,1
F	20	25	30		60		65	102	102	±0,3
G	180	235	255	295	235		255	365	365	±0,5
H	4,5		5,4				6,5			±0,2
I		M5			M6		M10			---

all dimensions in mm



## Specifications

	7BCF10	16BCF10	30BCF10	42BCF10	55BCF10	75BCF10	100BCF10	130BCF10	180BCF10
Voltage					3phase 480/277 VAC				
Frequency					50Hz / 60Hz				
Rated current @50°C	7A	16A	30A	42A	55A	75A	100A	130A	180A
max leakage current					33mA @400VAC/50Hz				
Operating temperature					-10°C to +55°C (derating on request)				
Storage temperature					-25°C to +100°C				
Wire range solid	0,2-6mm²	0,5-16mm²	0,5-25mm²	6-35mm²	16-50mm²	25-95mm²			
Wire range flex	0,2-4mm²	0,5-10mm²	0,5-16mm²	10-25mm²	16-50mm²	35-95mm²			
max torque terminals	0,8Nm	1,8Nm	2,3Nm	4,5Nm	8Nm	20Nm			
max torque PE	3Nm		8Nm		20Nm				
Housing				CRS zinc plated					
Protection Category				IP20					
Approvals				UL and VDE					

All materials and finishes comply with RoHS directive.

## High voltage test

phase-phase 2100VDC for 2sec.  
phase-earth 2650VDC for 2sec.

Type	Corcom PN	TYCO PN
7BCF10	F8232	0-160989-1
16BCF10	F8233	0-160989-2
30BCF10	F8234	0-160989-3
42BCF10	F8235	0-160989-4
55BCF10	F8236	0-160989-5
75BCF10	F8237	0-160989-6
100BCF10	F8238	0-160989-7
130BCF10	F8239	0-160989-8
180BCF10	F8240	0-160989-9

PART NO:	PART NAME:	MATERIAL/SURFACE:	OPTIONAL DESCRIPTION
PART LIST			
TOLERANCES UNLESS OTHERWISE SPECIFIED ACCORDING TO ISO 8015 AND ISO 2768-1 DIMENSIONS: mm			
test dimen. / Prüfmaß: [ ] ; auxiliary dimen. / Hilfsmä. [ ] ; theor. dimen. / theor. Maß: [ ] ; production control dimen. / Fertigungskontr. Maß: [ ] ; dimen. for measure. technology / messtechn. rel. Maß: [ ] ;			
DEPARTMENT	R & D	RSF	
DRAWER	09/07/2008	Weiden	
3,1	9-7-08	WEIH	
ECR-NO:	DATE	NAME	INFO
SCALE:	NAME:	DWG NO: C- 1609989	
1:1		REVISION	
SHEET: 1 OF 1	OPTIONAL NO: CRF8232-CRF8240		
SHEET: 1 OF 1	DWG LOC NO: F		
THIS DRAWING IS A CONTROLLED DOCUMENT, HANDWRITTEN CHANGES ARE NOT ALLOWED			

**Tyco**  
**Electronics**

1609989

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