

Split-core **ZPC-45sc**

The advantages of using the split-core / clamp-on ZPC for adding Earth Leakage Relay Protection into the system, or replacement of existing ZPC for maintenance purposes :

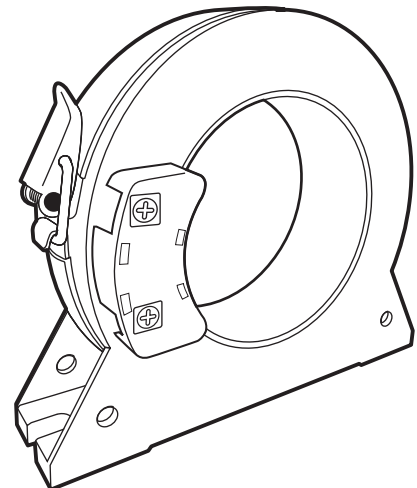
- **Dismantling of bus-bar not required**
- **Disconnection of cables not required**
- **Retrofitted without disrupting the live network**
- **Easy installation and time saving**

65sc
80sc
100sc



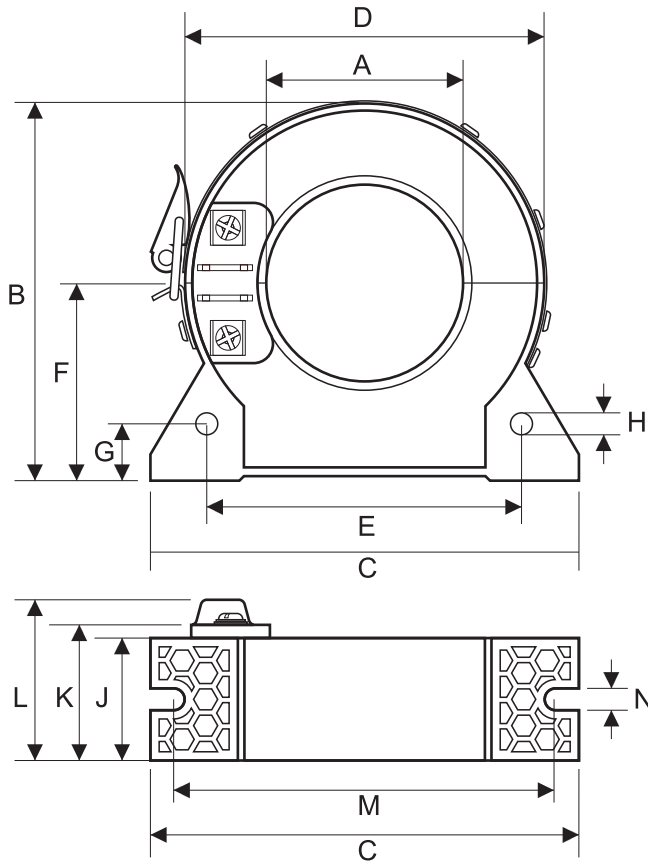
technical data

Type	: Split-core / clamp-on
Frequency	: 50 / 60 Hz
Insulation	: 600V / 50 Hz 1 min.
Sec. Burden	: 10 VA
Connection	: Terminal Block



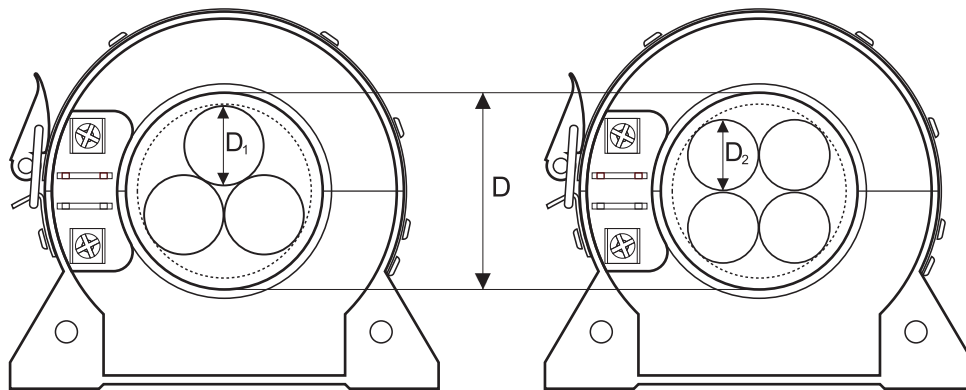
For optimum performance and accuracy, we recommend that you use only the original Z.C.T. intended for use with the device. Using others Z.C.T. could compromise on the performance or accuracy. The warranty does not cover product failures which have been caused by use of other Z.C.T.

dimension



ZPC model	45sc	65sc	80sc	100sc
Applicable Current range	0~160A	0~225A	0~400A	0~630A
A (mm) Ø	45	65	80	100
B (mm)	87	106	131	149
C (mm)	98	124	140	167
D (mm) Ø	82	104	125	147
E (mm)	72	96	106	130
F (mm)	45	53	68	75
G (mm)	13	14	18	21
H (mm) Ø	5	5	6	6
J (mm)	28	28	32	32
K (mm)	31	31	35	35
L (mm)	37	37	41	41
M (mm)	87	110	122	153
N (mm)	5	6	6	6
Weight (kg)	~0.30	~0.43	~0.59	~0.77

calculation to determine inner diameter of ZCT required



model ZPC	45sc	65sc	80sc	100sc
D (ZCT inner diameter mm)	45	65	80	100
D ₁ (3 wire max cable diameter mm)	16	24	32	40
D ₂ (4 wire max cable diameter mm)	14	22	29	36

ordering information

Model	Description
ZPC-45 sc	Hole Ø 45mm
ZPC-65 sc	Hole Ø 65mm
ZPC-80 sc	Hole Ø 80mm
ZPC-100 sc	Hole Ø 100mm

Note: All measurement in mm.