

## Miniature Circuit Breakers

### Series Hti

**BS EN 60947-2 10 kA**



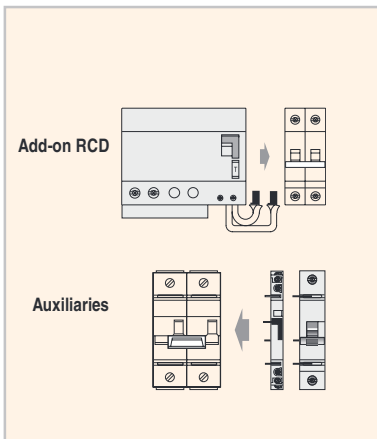
### Applications



### Standard / Marking

IEC 947-2 **CE**

### Add-on devices



- Add-on devices**
- Add-on RCD ● pg A.22
  - Auxiliary contacts ● pg A.23
  - Shunt trip ● pg A.23

Dimensions ● pg A.27

### Performance

<b>Thermal setting <math>I_n</math></b>	(A) 80-100-125
<b>Rated voltage AC <math>U_n</math></b>	(V) 240/415
<b>Tripping characteristics</b>	3-5 $I_n$ (B) 5-10 $I_n$ (C) 10-20 $I_n$ (D)
<b>Mechanical/electrical endurance</b>	10000/4000
<b>Operating temperature</b>	(°C) -25°C up to 55°C
<b>Terminal capacity flexible/rigid cable (mm<sup>2</sup>)</b>	70
<b>Poles</b>	1, 2, 3, 4
<b>Weight</b>	(g/pole) 210

### Short-circuit capacity

**AC acc. to EN 60947-2 (B, C)**

Poles	V	$I_{cu}$ (kA)
1	240/415	10
2	240	15
3, 4	240	15
3, 4	415	10

### Add-on RCD - technical performances

<b>Standard</b>	BS EN 61009
<b>Nominal current <math>I_n</math></b>	(A) 80-125
<b>Residual current <math>I_{\Delta n}</math></b>	(mA) 30, 300
<b>Rated voltage AC <math>U_n</math></b>	(V) 2P: 230/400 3P-4P: 400
<b>Resistance against unwanted tripping</b>	Type A, AC: 250A 8/20 $\mu$ s Type S: 3000A 8/20 $\mu$ s
<b>Terminal capacity flexible/rigid cable (mm<sup>2</sup>)</b>	70
<b>Poles</b>	2, 3, 4

## Series Hti - 10kA - characteristics B-C-D



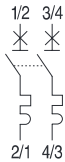
**1P**  
**1.5 mod.**



In (A)	3-5 In (B)		5-10 In (C)		10-20 In (D)		Pack.
	Cat. nr.	Ref. nr.	Cat. nr.	Ref. nr.	Cat. nr.	Ref. nr.	
80	Hti 101 B080	671504	Hti 101 C080	671528	Hti 101 D080	671552	1
100	Hti 101 B100	671505	Hti 101 C100	671529	Hti 101 D100	671553	1
125	Hti 101 B125	671506	Hti 101 C125	671530	Hti 101 D125	671554	1



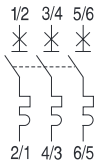
**2P**  
**3 mod.**



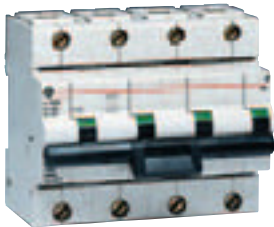
80	Hti 102 B080	671510	Hti 102 C080	671534	Hti 102 D080	671558	1
100	Hti 102 B100	671511	Hti 102 C100	671535	Hti 102 D100	671559	1
125	Hti 102 B125	671512	Hti 102 C125	671536	Hti 102 D125	671560	1



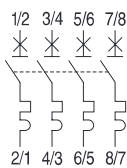
**3P**  
**4.5 mod.**



80	Hti 103 B080	671516	Hti 103 C080	671540	Hti 103 D080	671564	1
100	Hti 103 B100	671517	Hti 103 C100	671541	Hti 103 D100	671565	1
125	Hti 103 B125	671518	Hti 103 C125	671542	Hti 103 D125	671566	1



**4P**  
**6 mod.**



80	Hti 104 B80	671522	Hti 104 C080	671546	Hti 104 D080	671570	1
100	Hti 104 B100	671523	Hti 104 C100	671547	Hti 104 D100	671571	1
125	Hti 104 B125	671524	Hti 104 C125	671548	Hti 104 D125	671572	1