

## Miniature Circuit Breakers

### Series Hti

EN/IEC 60947-2 10kA



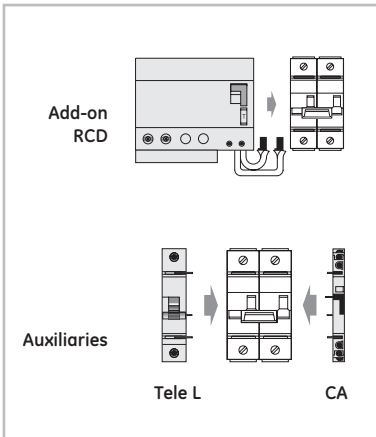
### Applications



### Standard / Marking

EN/IEC 60947-2

### Add-on devices



- Add-on RCD ● pg A.34
- Auxiliary contacts ● pg A.35
- Shunt trip ● pg A.35

- More technical data ● website
- Dimensions ● pg A.81

### Performance

Thermal setting In	(A)	80-100-125
Rated voltage AC Un	(V)	230/400
Tripping characteristics		3-5 In (B)
		5-10 In (C)
		10-20 In (D)
		10000/4000
Mechanical/electrical endurance		10000/4000
Operating temperature	(°C)	-25°C up to 55°C
Terminal capacity flexible/rigid cable	(mm <sup>2</sup> )	70
Poles		1, 2, 3, 4
Weight	(g/pole)	210

### Short-circuit capacity

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

Poles	V	I <sub>cu</sub> (kA) <sup>(1)</sup>
1	230/400	10 <sup>(2)</sup>
2	230	15 <sup>(3)</sup>
3, 4	230	15 <sup>(3)</sup>
3, 4	400	10 <sup>(2)</sup>






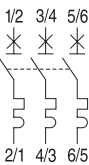
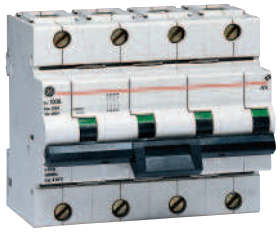
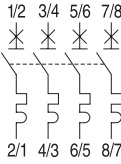
### Add-on RCD - technical performances

Standard	EN/IEC 60947-2
Nominal current In	(A) 80-125
Residual current I <sub>Δn</sub>	(mA) 30, 300
Rated voltage AC Un	(V) 2P: 230/400
	3P-4P: 400
	Resistance against unwanted tripping
	Type S: 3000A 8/20 μs
Terminal capacity flexible/rigid cable	(mm <sup>2</sup> ) 70
Poles	2, 3, 4

(1) Only for 3-5 In (B) and 5-10 In (C)  
 (2) 7.5kA for 10-20 In (D)  
 (3) 10kA for 10-20 In (D)



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

	In (A)	3-5 In (B)		5-10 In (C)		10-20 In (D)		Pack.
		Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
 <p><b>1P</b> 1.5 mod.</p> 	80	Hti 101 B080	<b>671504</b>	Hti 101 C080	<b>671528</b>	Hti 101 D080	<b>671552</b>	8
	100	Hti 101 B100	<b>671505</b>	Hti 101 C100	<b>671529</b>	Hti 101 D100	<b>671553</b>	1
	125	Hti 101 B125	<b>671506</b>	Hti 101 C125	<b>671530</b>	Hti 101 D125	<b>671554</b>	1
 <p><b>2P</b> 3 mod.</p> 	80	Hti 102 B080	<b>671510</b>	Hti 102 C080	<b>671534</b>	Hti 102 D080	<b>671558</b>	4
	100	Hti 102 B100	<b>671511</b>	Hti 102 C100	<b>671535</b>	Hti 102 D100	<b>671559</b>	1
	125	Hti 102 B125	<b>671512</b>	Hti 102 C125	<b>671536</b>	Hti 102 D125	<b>671560</b>	1
 <p><b>3P</b> 4.5 mod.</p> 	80	Hti 103 B080	<b>671516</b>	Hti 103 C080	<b>671540</b>	Hti 103 D080	<b>671564</b>	1
	100	Hti 103 B100	<b>671517</b>	Hti 103 C100	<b>671541</b>	Hti 103 D100	<b>671565</b>	1
	125	Hti 103 B125	<b>671518</b>	Hti 103 C125	<b>671542</b>	Hti 103 D125	<b>671566</b>	1
 <p><b>4P</b> 6 mod.</p> 	80	Hti 104 B80	<b>671522</b>	Hti 104 C080	<b>671546</b>	Hti 104 D080	<b>671570</b>	1
	100	Hti 104 B100	<b>671523</b>	Hti 104 C100	<b>671547</b>	Hti 104 D100	<b>671571</b>	1
	125	Hti 104 B125	<b>671524</b>	Hti 104 C125	<b>671548</b>	Hti 104 D125	<b>671572</b>	1

Only for 3-5 In (B) and 5-10 In (C)  
For D see page A.32

Series Hti

A

B

C

D

E

F

G

X

