



## Compact MCB's

### Series EPC 30

EN/IEC 60898-1

3000

3

EN/IEC 60947-2

3kA

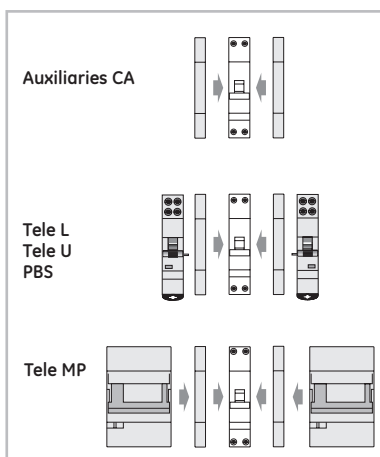
### Applications



### Approvals / Marking



### Add-on devices



When coupling an add-on device (Tele L, Tele U, PBS, Tele MP) to the MCB, an universal CA auxiliary has to be coupled first as interface.

### Performances

Thermal setting $I_n$	(A) 2-40
Rated voltage AC $U_n$	(V) 240/415
Minimum operating voltage $U_{Bmin}$	(V) 12
Tripping characteristic	C
Selectivity class	3
Mechanical/electrical endurance	20000/10000 <sup>(1)</sup>
Tropicalisation acc. to EN/IEC 60068-2	55°C at 95% RH
Terminal capacity flexible/rigid cable	(mm <sup>2</sup> ) 10-16 <sup>(2)</sup>
Poles	2, 3, 4
Weight	(g/mod) 160

### Short-circuit capacity

#### Acc. to EN/IEC 60898-1

Poles	V	$I_{cn}/I_{cs}$ (kA)
2P	415	3
3P	415	3
4P	415	3

#### Acc. to EN/IEC 60947-2

Poles	V	$I_{cu}$ (kA)
2P	415	3
3P	415	3
4P	415	3

#### DC acc. EN/IEC 60947-2

Poles	$U_n$ (V $\overline{=}$ )	$I_{cu}$ (kA)
2P	96	3




(1) 8000 for 32/40A

(2) Also accepting (2x4mm<sup>2</sup>) or (1x4mm<sup>2</sup>)+(1x6mm<sup>2</sup>)

Auxiliary contact CA ● page 20  
Other auxiliaries ● General cat.

Busbars ● page 22  
Dimensions ● page 29

# Series EPC 30 - 3kA - characteristics C

	In (A)	C		Pack.
		Cat. No.	Ref. No.	
 <p>2P 1 mod.</p> <p>1/2 3/4</p> <p>2/1 4/3</p>	2	EPC 32 C02	692500	12
	4	EPC 32 C04	692501	12
	6	EPC 32 C06	692502	12
	10	EPC 32 C10	692503	12
	16	EPC 32 C16	692504	12
	20	EPC 32 C20	692505	12
	25	EPC 32 C25	692506	12
	32	EPC 32 C32	692507	12
	40	EPC 32 C40	692508	12
 <p>3P<sup>(1)</sup> 2 mod.</p> <p>1/2 3/4 5/6</p> <p>2/1 4/3 6/5</p>	2	EPC 33 C02	692509 <sup>(1)</sup>	6
	4	EPC 33 C04	692510 <sup>(1)</sup>	6
	6	EPC 33 C06	692511 <sup>(1)</sup>	6
	10	EPC 33 C10	692512 <sup>(1)</sup>	6
	16	EPC 33 C16	692513 <sup>(1)</sup>	6
	20	EPC 33 C20	692514 <sup>(1)</sup>	6
	25	EPC 33 C25	692515 <sup>(1)</sup>	6
	32	EPC 33 C32	692516 <sup>(1)</sup>	6
	40	EPC 33 C40	692517 <sup>(1)</sup>	6
 <p>4P 2 mod.</p> <p>1/2 3/4 5/6 7/8</p> <p>2/1 4/3 6/5 8/7</p>	2	EPC 34 C02	692518	6
	4	EPC 34 C04	692519	6
	6	EPC 34 C06	692520	6
	10	EPC 34 C10	692521	6
	16	EPC 34 C16	692522	6
	20	EPC 34 C20	692523	6
	25	EPC 34 C25	692524	6
	32	EPC 34 C32	692525	6
	40	EPC 34 C40	692526	6

(1) The auxiliary contact CA must be placed only on the **left side** of the 3P MCB's



## Compact MCB's

### Series EPC 45

EN/IEC 60898-1

4500

3

EN/IEC 60947-2

6kA

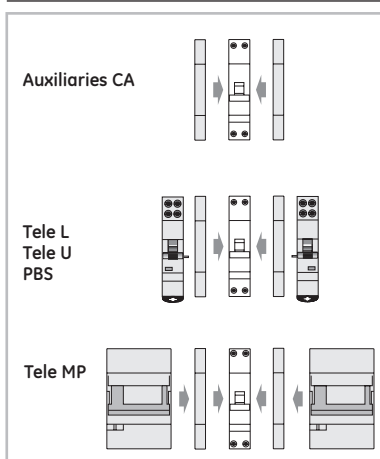
### Applications



### Approvals / Marking



### Add-on devices



When coupling an add-on device (Tele L, Tele U, PBS, Tele MP) to the MCB, an universal CA auxiliary has to be coupled first as interface.

### Performances

Thermal setting $I_n$	(A)	2-40
Rated voltage AC $U_n$	(V)	240/415
Minimum operating voltage $U_{Bmin}$	(V)	12
Tripping characteristics		B-C
Selectivity class		3
Mechanical/electrical endurance		20000/10000 <sup>(1)</sup>
Tropicalisation acc. to EN/IEC 60068-2		55°C at 95% RH
Terminal capacity flexible/rigid cable	(mm <sup>2</sup> )	10-16 <sup>(2)</sup>
Poles		2, 3, 4
Weight	(g/mod)	160

### Short-circuit capacity

#### Acc. to EN/IEC 60898-1

Poles	V	$I_{cn}/I_{cs}$ (kA)
2P	415	4.5
3P	415	4.5
4P	415	4.5

#### Acc. to EN/IEC 60947-2

Poles	V	$I_{cu}$ (kA)
2P	415	6
3P	415	6
4P	415	6

#### DC acc. EN/IEC 60947-2

Poles	$U_n$ (V $\overline{=}$ )	$I_{cu}$ (kA)
2P	96	4,5

(1) 8000 for 32/40A

(2) Also accepting (2x4mm<sup>2</sup>) or (1x4mm<sup>2</sup>)+(1x6mm<sup>2</sup>)

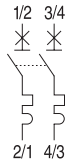
Auxiliary contact CA ● page 20  
Other auxiliaries ● General cat.

Busbars ● page 22  
Dimensions ● page 29

# Series EPC 45 - 4.5kA - characteristics B-C



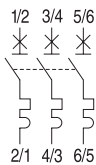
2P  
1 mod.



In (A)	B		C		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
2	EPC 452 B02	692608	EPC 452 C02	692527	12
4	EPC 452 B04	692609	EPC 452 C04	692528	12
6	EPC 452 B06	692610	EPC 452 C06	692529	12
10	EPC 452 B10	692611	EPC 452 C10	692530	12
16	EPC 452 B16	692612	EPC 452 C16	692531	12
20	EPC 452 B20	692613	EPC 452 C20	692532	12
25	EPC 452 B25	692614	EPC 452 C25	692533	12
32	EPC 452 B32	692615	EPC 452 C32	692534	12
40	EPC 452 B40	692616	EPC 452 C40	692535	12



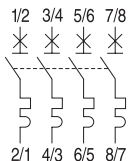
3P<sup>(1)</sup>  
2 mod.



2	EPC 453 B02	692617	EPC 453 C02	692536 <sup>(1)</sup>	6
4	EPC 453 B04	692618	EPC 453 C04	692537 <sup>(1)</sup>	6
6	EPC 453 B06	692619	EPC 453 C06	692538 <sup>(1)</sup>	6
10	EPC 453 B10	692620	EPC 453 C10	692539 <sup>(1)</sup>	6
16	EPC 453 B16	692621	EPC 453 C16	692540 <sup>(1)</sup>	6
20	EPC 453 B20	692622	EPC 453 C20	692541 <sup>(1)</sup>	6
25	EPC 453 B25	692623	EPC 453 C25	692542 <sup>(1)</sup>	6
32	EPC 453 B32	692624	EPC 453 C32	692543 <sup>(1)</sup>	6
40	EPC 453 B40	692625	EPC 453 C40	692544 <sup>(1)</sup>	6



4P  
2 mod.



2	EPC 454 B02	692626	EPC 454 C02	692545	6
4	EPC 454 B04	692627	EPC 454 C04	692546	6
6	EPC 454 B06	692628	EPC 454 C06	692547	6
10	EPC 454 B10	692629	EPC 454 C10	692548	6
16	EPC 454 B16	692630	EPC 454 C16	692549	6
20	EPC 454 B20	692631	EPC 454 C20	692550	6
25	EPC 454 B25	692632	EPC 454 C25	692551	6
32	EPC 454 B32	692633	EPC 454 C32	692552	6
40	EPC 454 B40	692634	EPC 454 C40	692553	6

(1) The auxiliary contact CA must be placed only on the **left side** of the 3P MCB's



## Compact MCB's

### Series EPC 60

EN/IEC 60898-1	6000
	3
EN/IEC 60947-2	7.5kA

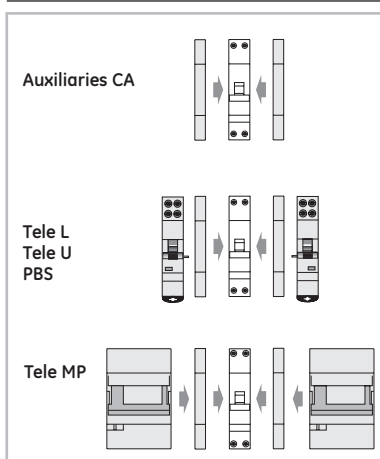
### Applications



### Approvals / Marking



### Add-on devices



When coupling an add-on device (Tele L, Tele U, PBS, Tele MP) to the MCB, an universal CA auxiliary has to be coupled first as interface.

### Performances

Thermal setting $I_n$	(A) 2-40
Rated voltage AC $U_n$	(V) 240/415
Minimum operating voltage $U_{Bmin}$	(V) 12
Tripping characteristics	B-C
Selectivity class	3
Mechanical/electrical endurance	20000/10000 <sup>(1)</sup>
Tropicalisation acc. to EN/IEC 60068-2	55°C at 95% RH
Terminal capacity flexible/rigid cable	(mm <sup>2</sup> ) 10-16 <sup>(2)</sup>
Poles	2, 3, 4
Weight	(g/mod) 160

### Short-circuit capacity

#### Acc. to EN/IEC 60898-1

Poles	V	$I_{cn}/I_{cs}$ (kA)
2P	415	6
3P	415	6
4P	415	6

#### Acc. to EN/IEC 60947-2

Poles	V	$I_{cu}$ (kA)
2P	415	7.5
3P	415	7.5
4P	415	7.5

#### DC ccc. to EN/IEC 60947-2

Poles	$U_n$ (V $\overline{=}$ )	$I_{cu}$ (kA)
2P	96	6

(1) 8000 for 32/40A

(2) Also accepting (2x4mm<sup>2</sup>) or (1x4mm<sup>2</sup>)+(1x6mm<sup>2</sup>)

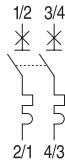
Auxiliary contact CA ● page 20  
Other auxiliaries ● General cat.

Busbars ● page 22  
Dimensions ● page 29

# Series EPC 60 - 6kA - characteristics B-C



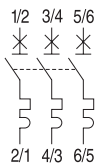
2P  
1 mod.



In (A)	B		C		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
2	EPC 62 B02	692635	EPC 62 C02	692554	12
4	EPC 62 B04	692636	EPC 62 C04	692555	12
6	EPC 62 B06	692637	EPC 62 C06	692556	12
10	EPC 62 B10	692638	EPC 62 C10	692557	12
16	EPC 62 B16	692639	EPC 62 C16	692558	12
20	EPC 62 B20	692640	EPC 62 C20	692559	12
25	EPC 62 B25	692641	EPC 62 C25	692560	12
32	EPC 62 B32	692642	EPC 62 C32	692561	12
40	EPC 62 B40	692643	EPC 62 C40	692562	12



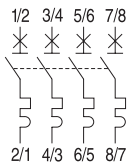
3P<sup>(1)</sup>  
2 mod.



2	EPC 63 B02	692644	EPC 63 C02	692563 <sup>(1)</sup>	6
4	EPC 63 B04	692645	EPC 63 C04	692564 <sup>(1)</sup>	6
6	EPC 63 B06	692646	EPC 63 C06	692565 <sup>(1)</sup>	6
10	EPC 63 B10	692647	EPC 63 C10	692566 <sup>(1)</sup>	6
16	EPC 63 B16	692648	EPC 63 C16	692567 <sup>(1)</sup>	6
20	EPC 63 B20	692649	EPC 63 C20	692568 <sup>(1)</sup>	6
25	EPC 63 B25	692650	EPC 63 C25	692569 <sup>(1)</sup>	6
32	EPC 63 B32	692651	EPC 63 C32	692570 <sup>(1)</sup>	6
40	EPC 63 B40	692652	EPC 63 C40	692571 <sup>(1)</sup>	6



4P  
2 mod.



2	EPC 64 B02	692653	EPC 64 C02	692572	6
4	EPC 64 B04	692654	EPC 64 C04	692573	6
6	EPC 64 B06	692655	EPC 64 C06	692574	6
10	EPC 64 B10	692656	EPC 64 C10	692575	6
16	EPC 64 B16	692657	EPC 64 C16	692576	6
20	EPC 64 B20	692658	EPC 64 C20	692577	6
25	EPC 64 B25	692659	EPC 64 C25	692578	6
32	EPC 64 B32	692660	EPC 64 C32	692579	6
40	EPC 64 B40	692661	EPC 64 C40	692580	6

(1) The auxiliary contact CA must be placed only on the **left side** of the 3P MCB's