

Miniature Circuit Breakers



EP60

BS EN 60898 6000
3
BS EN 60947 10 kA

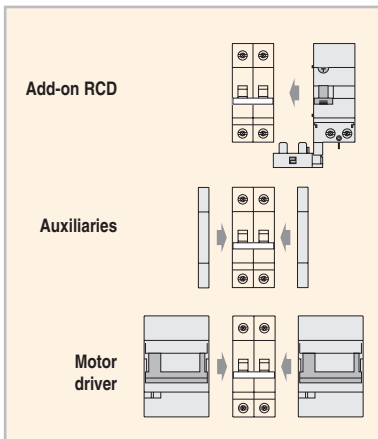
Applications



Approvals / Marking



Add-on devices



Add-on devices

- Auxiliary contacts ● pg C.4
- Shunt trip ● pg C.6
- Undervoltage release ● pg C.6
- Panel board switch ● pg C.6
- Motor operator ● pg C.8

- Accessories ● pg A.24
- Busbars ● pg E.1
- Dimensions ● pg A.26

Performance

Thermal setting I_n	(A) 0.5 -63
Rated voltage AC U_n	(V) 240/415
Minimum operating voltage U_{B min}	(V) 12
Tripping characteristics	B-C-D
Selectivity class	3
Mechanical/electrical endurance	20000/10000
Tropicalisation acc. to EN 60068-2	95%RH at 55°C
Terminal capacity flexible/rigid cable (mm²)	25-35
Poles	1, 1+N, 2, 3, 4
Weight	(g/pole) 125

Short-circuit capacity

AC acc. to BS EN 60898

Poles	V	I _{cn} /I _{cs} (kA)
1-4	240/415	6

AC acc. to BS EN 60947-2

Poles	V	I _{cu} (kA) ⁽¹⁾
1	240	10
1+N, 2	127	30
	240	20
2	415	10
3, 4	240	20
	415	10

DC acc. to BS EN 60947-2

Poles	VDC	I _{cu} (kA)/I _{cs} (kA)
1	60	20
2	125	25

(1) I_{cs} = 75% I_{cu}

Series EP60 - 6kA - characteristics B-C-D



1P
1 mod.



In (A)	B		C		D		Pack.
	Cat. nr.	Ref. nr.	Cat. nr.	Ref. nr.	Cat. nr.	Ref. nr.	
0.5			EP61 C0.5	672036	EP61 D0.5	566526	1/12
1			EP61 C01	672037	EP61 D01	566527	1/12
2			EP61 C02	672038	EP61 D02	566528	1/12
3			EP61 C03	672039	EP61 D03	566529	1/12
4			EP61 C04	672040	EP61 D04	566530	1/12
6	EP61 B06	674265 ⁽¹⁾	EP61 C06	672041	EP61 D06	566531	1/12
10	EP61 B10	674266 ⁽¹⁾	EP61 C10	672043	EP61 D10	566532	1/12
16	EP61 B16	674267 ⁽¹⁾	EP61 C16	672045	EP61 D16	566534	1/12
20	EP61 B20	674268 ⁽¹⁾	EP61 C20	672046	EP61 D20	566535	1/12
25	EP61 B25	674269 ⁽¹⁾	EP61 C25	672047	EP61 D25	566536	1/12
32	EP61 B32	674270 ⁽¹⁾	EP61 C32	672048	EP61 D32	566537	1/12
40	EP61 B40	674271 ⁽¹⁾	EP61 C40	672049	EP61 D40	566538	1/12
50	EP61 B50	674272 ⁽¹⁾	EP61 C50	672050	EP61 D50	566539	1/12
63	EP61 B63	674273 ⁽¹⁾	EP61 C63	672051	EP61 D63	566540	1/12



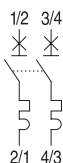
1P+N
2 mod.



0.5			EP61N C0.5	672052	EP61N D0.5	566686	1/6
1			EP61N C01	672053	EP61N D01	566687	1/6
2			EP61N C02	672054	EP61N D02	566688	1/6
3			EP61N C03	672055	EP61N D03	566689	1/6
4			EP61N C04	672056	EP61N D04	566690	1/6
6	EP61N B06	672137	EP61N C06	672057	EP61N D06	566691	1/6
10	EP61N B10	672139	EP61N C10	672059	EP61N D10	566693	1/6
16	EP61N B16	672141	EP61N C16	672061	EP61N D16	566694	1/6
20	EP61N B20	672142	EP61N C20	672062	EP61N D20	566695	1/6
25	EP61N B25	672143	EP61N C25	672063	EP61N D25	566696	1/6
32	EP61N B32	672144	EP61N C32	672064	EP61N D32	566697	1/6
40	EP61N B40	672145	EP61N C40	672065	EP61N D40	566698	1/6
50	EP61N B50	672146	EP61N C50	672066	EP61N D50	566699	1/6
63	EP61N B63	672147	EP61N C63	672067	EP61N D63	566700	1/6



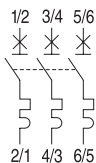
2P
2 mod.



0.5			EP62 C0.5	672068	EP62 D0.5	566566	1/6
1			EP62 C01	672069	EP62 D01	566567	1/6
2			EP62 C02	672070	EP62 D02	566568	1/6
3			EP62 C03	672071	EP62 D03	566569	1/6
4			EP62 C04	672072	EP62 D04	566570	1/6
6	EP62 B06	672153	EP62 C06	672073	EP62 D06	566571	1/6
10	EP62 B10	672155	EP62 C10	672075	EP62 D10	566572	1/6
16	EP62 B16	672157	EP62 C16	672077	EP62 D16	566574	1/6
20	EP62 B20	672158	EP62 C20	672078	EP62 D20	566575	1/6
25	EP62 B25	672159	EP62 C25	672079	EP62 D25	566576	1/6
32	EP62 B32	672160	EP62 C32	672080	EP62 D32	566577	1/6
40	EP62 B40	672161	EP62 C40	672081	EP62 D40	566578	1/6
50	EP62 B50	672162	EP62 C50	672082	EP62 D50	566579	1/6
63	EP62 B63	672163	EP62 C63	672083	EP62 D63	566580	1/6



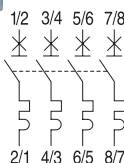
3P
3 mod.



0.5			EP63 C0.5	672084	EP63 D0.5	566606	1/4
1			EP63 C01	672085	EP63 D01	566607	1/4
2			EP63 C02	672086	EP63 D02	566608	1/4
3			EP63 C03	672087	EP63 D03	566609	1/4
4			EP63 C04	672088	EP63 D04	566610	1/4
6	EP63 B06	674274 ⁽²⁾	EP63 C06	672089	EP63 D06	566611	1/4
10	EP63 B10	674275 ⁽²⁾	EP63 C10	672091	EP63 D10	566612	1/4
16	EP63 B16	674276 ⁽²⁾	EP63 C16	672093	EP63 D16	566614	1/4
20	EP63 B20	674277 ⁽²⁾	EP63 C20	672094	EP63 D20	566615	1/4
25	EP63 B25	674278 ⁽²⁾	EP63 C25	672095	EP63 D25	566616	1/4
32	EP63 B32	674279 ⁽²⁾	EP63 C32	672096	EP63 D32	566617	1/4
40	EP63 B40	674280 ⁽²⁾	EP63 C40	672097	EP63 D40	566618	1/4
50	EP63 B50	674281 ⁽²⁾	EP63 C50	672098	EP63 D50	566619	1/4
63	EP63 B63	674282 ⁽²⁾	EP63 C63	672099	EP63 D63	566620	1/4



4P
4 mod.



0.5			EP64 C0.5	672100	EP64 D0.5	566646	1/3
1			EP64 C01	672101	EP64 D01	566647	1/3
2			EP64 C02	672102	EP64 D02	566648	1/3
3			EP64 C03	672103	EP64 D03	566649	1/3
4			EP64 C04	672104	EP64 D04	566650	1/3
6	EP64 B06	672185	EP64 C06	672105	EP64 D06	566651	1/3
10	EP64 B10	672187	EP64 C10	672107	EP64 D10	566652	1/3
16	EP64 B16	672189	EP64 C16	672109	EP64 D16	566654	1/3
20	EP64 B20	672190	EP64 C20	672110	EP64 D20	566655	1/3
25	EP64 B25	672191	EP64 C25	672111	EP64 D25	566656	1/3
32	EP64 B32	672192	EP64 C32	672112	EP64 D32	566657	1/3
40	EP64 B40	672193	EP64 C40	672113	EP64 D40	566658	1/3
50	EP64 B50	672194	EP64 C50	672114	EP64 D50	566659	1/3
63	EP64 B63	672195	EP64 C63	672115	EP64 D63	566660	1/3

Remark: 3P+N (4 modules) on request.

(1) Pack.: 12
(2) Pack.: 4

