

## Miniature Circuit Breakers FAZ-NA, FAZ-RT, FAZ-DU

SG56912



### FAZ-NA/-RT/-DU

- According to UL 489, CSA C22.2 No. 5 and also IEC 60947-2 standard
- For Applications, which are permitted for UL 1077 or CSA C22.2 No. 235
- Auxiliary switch and voltage trips suitable for subsequent installation
- Series with removable terminal screws (Type FAZ-...-RT/-DU), for use with ring cable lug
- Contact position indicator red - green
- Easy mounting at DIN-rail

標準取扱い品は、 ” -DU ” タイプとなります

## FAZ-...-NA Miniature Circuit Breakers (MCBs)

### Characteristic B

	Rated current $I_n$ (A)	Rated voltage IEC/EN 60947-2 (V)	Breaking capacity acc. to IEC/EN 60947-2 (kA)	Rated voltage UL489 (V)	Breaking capacity acc. to UL489 (kA)	SWD	NFPA 79	Type Designation	Article No.	Units per package
<b>1-pole</b>										
1	240/415	15	277	10	SWD	AWG 18	FAZ-B1/1-NA	132414	12/120	
1.5	240/415	15	277	10	SWD	AWG 18	FAZ-B1,5/1-NA	132415	12/120	
2	240/415	15	277	10	SWD	AWG 18	FAZ-B2/1-NA	132416	12/120	
3	240/415	15	277	10	SWD	AWG 18	FAZ-B3/1-NA	132417	12/120	
4	240/415	15	277	10	SWD	AWG 18	FAZ-B4/1-NA	132418	12/120	
5	240/415	15	277	10	SWD	AWG 18	FAZ-B5/1-NA	132419	12/120	
6	240/415	15	277	10	SWD	AWG 18	FAZ-B6/1-NA	132680	12/120	
7	240/415	15	277	10	SWD	AWG 18	FAZ-B7/1-NA	132681	12/120	
8	240/415	15	277	10	SWD	AWG 16	FAZ-B8/1-NA	132682	12/120	
10	240/415	15	277	10	SWD	AWG 16	FAZ-B10/1-NA	132683	12/120	
13	240/415	15	277	10	SWD		FAZ-B13/1-NA	132684	12/120	
15	240/415	15	277	14	SWD		FAZ-B15/1-NA	132685	12/120	
16	240/415	15	277	14	SWD		FAZ-B16/1-NA	132686	12/120	
20	240/415	15	277	14	SWD		FAZ-B20/1-NA	132687	12/120	
25	240/415	15	277	14			FAZ-B25/1-NA	132688	12/120	
30	240/415	15	277	10			FAZ-B30/1-NA	132689	12/120	
32	240/415	15	277	10			FAZ-B32/1-NA	132690	12/120	
35	240/415	15	240	10			FAZ-B35/1-NA	132691	12/120	
40	240/415	15	240	10			FAZ-B40/1-NA	132692	12/120	
<b>2-pole</b>										
1	415	15	480Y/277	10	SWD	AWG 18	FAZ-B1/2-NA	132693	1/60	
1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-B1,5/2-NA	132694	1/60	
2	415	15	480Y/277	10	SWD	AWG 18	FAZ-B2/2-NA	132695	1/60	
3	415	15	480Y/277	10	SWD	AWG 18	FAZ-B3/2-NA	132696	1/60	
4	415	15	480Y/277	10	SWD	AWG 18	FAZ-B4/2-NA	132697	1/60	
5	415	15	480Y/277	10	SWD	AWG 18	FAZ-B5/2-NA	132698	1/60	
6	415	15	480Y/277	10	SWD	AWG 18	FAZ-B6/2-NA	132699	1/60	
7	415	15	480Y/277	10	SWD	AWG 18	FAZ-B7/2-NA	132700	1/60	
8	415	15	480Y/277	10	SWD	AWG 16	FAZ-B8/2-NA	132701	1/60	
10	415	15	480Y/277	10	SWD	AWG 16	FAZ-B10/2-NA	132702	1/60	
13	415	15	480Y/277	10	SWD		FAZ-B13/2-NA	132703	1/60	
15	415	15	480Y/277	14	SWD		FAZ-B15/2-NA	132704	1/60	
16	415	15	480Y/277	14	SWD		FAZ-B16/2-NA	132705	1/60	
20	415	15	480Y/277	14	SWD		FAZ-B20/2-NA	132706	1/60	
25	415	15	480Y/277	14			FAZ-B25/2-NA	132707	1/60	
30	415	15	480Y/277	10			FAZ-B30/2-NA	132708	1/60	
32	415	15	480Y/277	10			FAZ-B32/2-NA	132709	1/60	
35	415	15	240	10			FAZ-B35/2-NA	132710	1/60	
40	415	15	240	10			FAZ-B40/2-NA	132711	1/60	
<b>3-pole</b>										
1	415	15	480Y/277	10	SWD	AWG 18	FAZ-B1/3-NA	132712	1/40	
1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-B1,5/3-NA	132713	1/40	
2	415	15	480Y/277	10	SWD	AWG 18	FAZ-B2/3-NA	132714	1/40	
3	415	15	480Y/277	10	SWD	AWG 18	FAZ-B3/3-NA	132715	1/40	
4	415	15	480Y/277	10	SWD	AWG 18	FAZ-B4/3-NA	132716	1/40	
5	415	15	480Y/277	10	SWD	AWG 18	FAZ-B5/3-NA	132717	1/40	
6	415	15	480Y/277	10	SWD	AWG 18	FAZ-B6/3-NA	132718	1/40	
7	415	15	480Y/277	10	SWD	AWG 18	FAZ-B7/3-NA	132719	1/40	
8	415	15	480Y/277	10	SWD	AWG 16	FAZ-B8/3-NA	132720	1/40	
10	415	15	480Y/277	10	SWD	AWG 16	FAZ-B10/3-NA	132721	1/40	
13	415	15	480Y/277	10	SWD		FAZ-B13/3-NA	132722	1/40	
15	415	15	480Y/277	14	SWD		FAZ-B15/3-NA	132723	1/40	
16	415	15	480Y/277	14	SWD		FAZ-B16/3-NA	132724	1/40	
20	415	15	480Y/277	14	SWD		FAZ-B20/3-NA	132725	1/40	
25	415	15	480Y/277	14			FAZ-B25/3-NA	132726	1/40	
30	415	15	480Y/277	10			FAZ-B30/3-NA	132727	1/40	
32	415	15	480Y/277	10			FAZ-B32/3-NA	132728	1/40	
35	415	15	240	10			FAZ-B35/3-NA	132729	1/40	
40	415	15	240	10			FAZ-B40/3-NA	132730	1/40	

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### Characteristic C

	Rated current $I_n$ (A)	Rated voltage IEC/EN 60947-2 (V)	Breaking capacity acc. to IEC/EN 60947-2 (kA)	Rated voltage UL489 (V)	Breaking capacity acc. to UL489 (kA)	SWD	NFPA 79	Type Designation	Article No.	Units per package
<b>1-pole</b>										
	0.5	240/415	15	277	10	SWD	AWG 18	FAZ-C0,5/1-NA	181883	12/120
	1	240/415	15	277	10	SWD	AWG 18	FAZ-C1/1-NA	181885	12/120
	1.5	240/415	15	277	10	SWD	AWG 18	FAZ-C1,5/1-NA	181887	12/120
	2	240/415	15	277	10	SWD	AWG 18	FAZ-C2/1-NA	181889	12/120
	3	240/415	15	277	10	SWD	AWG 18	FAZ-C3/1-NA	181891	12/120
	4	240/415	15	277	10	SWD	AWG 18	FAZ-C4/1-NA	181893	12/120
	5	240/415	15	277	10	SWD	AWG 18	FAZ-C5/1-NA	181895	12/120
	6	240/415	15	277	10	SWD	AWG 18	FAZ-C6/1-NA	181897	12/120
	7	240/415	15	277	10	SWD	AWG 18	FAZ-C7/1-NA	181899	12/120
	8	240/415	15	277	10	SWD	AWG 16	FAZ-C8/1-NA	181901	12/120
	10	240/415	15	277	10	SWD	AWG 16	FAZ-C10/1-NA	181903	12/120
	13	240/415	15	277	10	SWD		FAZ-C13/1-NA	181905	12/120
	15	240/415	15	277	14	SWD		FAZ-C15/1-NA	181907	12/120
	16	240/415	15	277	14	SWD		FAZ-C16/1-NA	181909	12/120
	20	240/415	15	277	14	SWD		FAZ-C20/1-NA	181911	12/120
	25	240/415	15	277	14			FAZ-C25/1-NA	181913	12/120
	30	240/415	15	277	10			FAZ-C30/1-NA	181915	12/120
	32	240/415	15	277	10			FAZ-C32/1-NA	181917	12/120
	35	240/415	15	240	10			FAZ-C35/1-NA	181919	12/120
	40	240/415	15	240	10			FAZ-C40/1-NA	181921	12/120
<b>2-pole</b>										
	0.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C0,5/2-NA	181923	1/60
	1	415	15	480Y/277	10	SWD	AWG 18	FAZ-C1/2-NA	181925	1/60
	1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C1,5/2-NA	181927	1/60
	2	415	15	480Y/277	10	SWD	AWG 18	FAZ-C2/2-NA	181929	1/60
	3	415	15	480Y/277	10	SWD	AWG 18	FAZ-C3/2-NA	181931	1/60
	4	415	15	480Y/277	10	SWD	AWG 18	FAZ-C4/2-NA	181933	1/60
	5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C5/2-NA	181935	1/60
	6	415	15	480Y/277	10	SWD	AWG 18	FAZ-C6/2-NA	181937	1/60
	7	415	15	480Y/277	10	SWD	AWG 18	FAZ-C7/2-NA	181939	1/60
	8	415	15	480Y/277	10	SWD	AWG 16	FAZ-C8/2-NA	181941	1/60
	10	415	15	480Y/277	10	SWD	AWG 16	FAZ-C10/2-NA	181943	1/60
	13	415	15	480Y/277	10	SWD		FAZ-C13/2-NA	181945	1/60
	15	415	15	480Y/277	14	SWD		FAZ-C15/2-NA	181947	1/60
	16	415	15	480Y/277	14	SWD		FAZ-C16/2-NA	181949	1/60
	20	415	15	480Y/277	14	SWD		FAZ-C20/2-NA	181951	1/60
	25	415	15	480Y/277	14			FAZ-C25/2-NA	181953	1/60
	30	415	15	480Y/277	10			FAZ-C30/2-NA	181955	1/60
	32	415	15	480Y/277	10			FAZ-C32/2-NA	181957	1/60
	35	415	15	240	10			FAZ-C35/2-NA	181959	1/60
	40	415	15	240	10			FAZ-C40/2-NA	181961	1/60
<b>3-pole</b>										
	0.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C0,5/3-NA	181963	1/40
	1	415	15	480Y/277	10	SWD	AWG 18	FAZ-C1/3-NA	181965	1/40
	1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C1,5/3-NA	181967	1/40
	2	415	15	480Y/277	10	SWD	AWG 18	FAZ-C2/3-NA	181969	1/40
	3	415	15	480Y/277	10	SWD	AWG 18	FAZ-C3/3-NA	181971	1/40
	4	415	15	480Y/277	10	SWD	AWG 18	FAZ-C4/3-NA	181973	1/40
	5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C5/3-NA	181975	1/40
	6	415	15	480Y/277	10	SWD	AWG 18	FAZ-C6/3-NA	181977	1/40
	7	415	15	480Y/277	10	SWD	AWG 18	FAZ-C7/3-NA	181979	1/40
	8	415	15	480Y/277	10	SWD	AWG 16	FAZ-C8/3-NA	181981	1/40
	10	415	15	480Y/277	10	SWD	AWG 16	FAZ-C10/3-NA	181983	1/40
	13	415	15	480Y/277	10	SWD		FAZ-C13/3-NA	181985	1/40
	15	415	15	480Y/277	14	SWD		FAZ-C15/3-NA	181987	1/40
	16	415	15	480Y/277	14	SWD		FAZ-C16/3-NA	181989	1/40
	20	415	15	480Y/277	14	SWD		FAZ-C20/3-NA	181991	1/40
	25	415	15	480Y/277	14			FAZ-C25/3-NA	181993	1/40
	30	415	15	480Y/277	10			FAZ-C30/3-NA	181995	1/40
	32	415	15	480Y/277	10			FAZ-C32/3-NA	181997	1/40
	35	415	15	240	10			FAZ-C35/3-NA	181999	1/40
	40	415	15	240	10			FAZ-C40/3-NA	182001	1/40

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## FAZ-...-NA Miniature Circuit Breakers (MCBs)

### Characteristic D

	Rated current $I_n$ (A)	Rated voltage IEC/EN 60947-2 (V)	Breaking capacity acc. to IEC/EN 60947-2 (kA)	Rated voltage UL489 (V)	Breaking capacity acc. to UL489 (kA)	SWD	NFPA 79	Type Designation	Article No.	Units per package
<b>1-pole</b>										
0.5	240/415	15	277	10	10	SWD	AWG 18	FAZ-D0,5/1-NA	182003	12/120
1	240/415	15	277	10	10	SWD	AWG 18	FAZ-D1/1-NA	182005	12/120
1.5	240/415	15	277	10	10	SWD	AWG 18	FAZ-D1,5/1-NA	182007	12/120
2	240/415	15	277	10	10	SWD	AWG 18	FAZ-D2/1-NA	182009	12/120
3	240/415	15	277	10	10	SWD	AWG 18	FAZ-D3/1-NA	182011	12/120
4	240/415	15	277	10	10	SWD	AWG 18	FAZ-D4/1-NA	182013	12/120
5	240/415	15	277	10	10	SWD	AWG 18	FAZ-D5/1-NA	182015	12/120
6	240/415	15	277	10	10	SWD	AWG 18	FAZ-D6/1-NA	182017	12/120
7	240/415	15	277	10	10	SWD	AWG 18	FAZ-D7/1-NA	182019	12/120
8	240/415	15	277	10	10	SWD	AWG 16	FAZ-D8/1-NA	182021	12/120
10	240/415	15	277	10	10	SWD	AWG 16	FAZ-D10/1-NA	181831	12/120
13	240/415	15	277	14	14	SWD		FAZ-D13/1-NA	181833	12/120
15	240/415	15	277	14	14	SWD		FAZ-D15/1-NA	181835	12/120
16	240/415	15	277	14	14	SWD		FAZ-D16/1-NA	181837	12/120
20	240/415	15	277	14	14	SWD		FAZ-D20/1-NA	181839	12/120
25	240/415	15	277	10	10			FAZ-D25/1-NA	181841	12/120
30	240/415	15	277	10	10			FAZ-D30/1-NA	182023	12/120
32	240/415	15	277	10	10			FAZ-D32/1-NA	182025	12/120
35	240/415	15	240	10	10			FAZ-D35/1-NA	182027	12/120
40	240/415	15	240	10	10			FAZ-D40/1-NA	182029	12/120
<b>2-pole</b>										
0.5	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D0,5/2-NA	182031	1/60
1	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D1/2-NA	182033	1/60
1.5	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D1,5/2-NA	182035	1/60
2	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D2/2-NA	182037	1/60
3	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D3/2-NA	182039	1/60
4	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D4/2-NA	182041	1/60
5	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D5/2-NA	182043	1/60
6	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D6/2-NA	182045	1/60
7	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D7/2-NA	182047	1/60
8	415	15	480Y/277	10	10	SWD	AWG 16	FAZ-D8/2-NA	182049	1/60
10	415	15	480Y/277	10	10	SWD	AWG 16	FAZ-D10/2-NA	182051	1/60
13	415	15	480Y/277	14	14	SWD		FAZ-D13/2-NA	182053	1/60
15	415	15	480Y/277	14	14	SWD		FAZ-D15/2-NA	182055	1/60
16	415	15	480Y/277	14	14	SWD		FAZ-D16/2-NA	182057	1/60
20	415	15	480Y/277	14	14	SWD		FAZ-D20/2-NA	182059	1/60
25	415	15	480Y/277	10	10			FAZ-D25/2-NA	182061	1/60
30	415	15	480Y/277	10	10			FAZ-D30/2-NA	182063	1/60
32	415	15	480Y/277	10	10			FAZ-D32/2-NA	182065	1/60
35	415	15	240	10	10			FAZ-D35/2-NA	182067	1/60
40	415	15	240	10	10			FAZ-D40/2-NA	182069	1/60
<b>3-pole</b>										
0.5	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D0,5/3-NA	182071	1/40
1	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D1/3-NA	182073	1/40
1.5	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D1,5/3-NA	182075	1/40
2	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D2/3-NA	182077	1/40
3	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D3/3-NA	182079	1/40
4	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D4/3-NA	182081	1/40
5	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D5/3-NA	182083	1/40
6	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D6/3-NA	182085	1/40
7	415	15	480Y/277	10	10	SWD	AWG 18	FAZ-D7/3-NA	182087	1/40
8	415	15	480Y/277	10	10	SWD	AWG 16	FAZ-D8/3-NA	182089	1/40
10	415	15	480Y/277	10	10	SWD	AWG 16	FAZ-D10/3-NA	182091	1/40
13	415	15	480Y/277	14	14	SWD		FAZ-D13/3-NA	182093	1/40
15	415	15	480Y/277	14	14	SWD		FAZ-D15/3-NA	182095	1/40
16	415	15	480Y/277	14	14	SWD		FAZ-D16/3-NA	182097	1/40
20	415	15	480Y/277	14	14	SWD		FAZ-D20/3-NA	182099	1/40
25	415	15	480Y/277	10	10			FAZ-D25/3-NA	182101	1/40
30	415	15	480Y/277	10	10			FAZ-D30/3-NA	182103	1/40
32	415	15	480Y/277	10	10			FAZ-D32/3-NA	182105	1/40
35	415	15	240	10	10			FAZ-D35/3-NA	182107	1/40
40	415	15	240	10	10			FAZ-D40/3-NA	182109	1/40

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### Characteristic B

	Rated current $I_n$ (A)	Rated voltage IEC/EN 60947-2 (V)	Breaking capacity acc. to IEC/EN 60947-2 (kA)	Rated voltage UL489 (V)	Breaking capacity acc. to UL489 (kA)	SWD	NFPA 79	Type Designation	Article No.	Units per package
<b>1-pole</b>										
1	240/415	15	277	10	SWD	AWG 18	FAZ-B1/1-RT	132731	12/120	
1.5	240/415	15	277	10	SWD	AWG 18	FAZ-B1,5/1-RT	132732	12/120	
2	240/415	15	277	10	SWD	AWG 18	FAZ-B2/1-RT	132733	12/120	
3	240/415	15	277	10	SWD	AWG 18	FAZ-B3/1-RT	132734	12/120	
4	240/415	15	277	10	SWD	AWG 18	FAZ-B4/1-RT	132735	12/120	
5	240/415	15	277	10	SWD	AWG 18	FAZ-B5/1-RT	132736	12/120	
6	240/415	15	277	10	SWD	AWG 18	FAZ-B6/1-RT	132737	12/120	
7	240/415	15	277	10	SWD	AWG 18	FAZ-B7/1-RT	132738	12/120	
8	240/415	15	277	10	SWD	AWG 16	FAZ-B8/1-RT	132739	12/120	
10	240/415	15	277	10	SWD	AWG 16	FAZ-B10/1-RT	132740	12/120	
13	240/415	15	277	10	SWD		FAZ-B13/1-RT	132741	12/120	
15	240/415	15	277	14	SWD		FAZ-B15/1-RT	132742	12/120	
16	240/415	15	277	14	SWD		FAZ-B16/1-RT	132743	12/120	
20	240/415	15	277	14	SWD		FAZ-B20/1-RT	132744	12/120	
25	240/415	15	277	14			FAZ-B25/1-RT	132745	12/120	
30	240/415	15	277	10			FAZ-B30/1-RT	132746	12/120	
32	240/415	15	277	10			FAZ-B32/1-RT	132747	12/120	
35	240/415	15	240	10			FAZ-B35/1-RT	132748	12/120	
40	240/415	15	240	10			FAZ-B40/1-RT	132749	12/120	
<b>2-pole</b>										
1	415	15	480Y/277	10	SWD	AWG 18	FAZ-B1/2-RT	132750	1/60	
1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-B1,5/2-RT	132751	1/60	
2	415	15	480Y/277	10	SWD	AWG 18	FAZ-B2/2-RT	132752	1/60	
3	415	15	480Y/277	10	SWD	AWG 18	FAZ-B3/2-RT	132753	1/60	
4	415	15	480Y/277	10	SWD	AWG 18	FAZ-B4/2-RT	132754	1/60	
5	415	15	480Y/277	10	SWD	AWG 18	FAZ-B5/2-RT	132755	1/60	
6	415	15	480Y/277	10	SWD	AWG 18	FAZ-B6/2-RT	132756	1/60	
7	415	15	480Y/277	10	SWD	AWG 18	FAZ-B7/2-RT	132757	1/60	
8	415	15	480Y/277	10	SWD	AWG 16	FAZ-B8/2-RT	132758	1/60	
10	415	15	480Y/277	10	SWD	AWG 16	FAZ-B10/2-RT	132759	1/60	
13	415	15	480Y/277	10	SWD		FAZ-B13/2-RT	132760	1/60	
15	415	15	480Y/277	14	SWD		FAZ-B15/2-RT	132761	1/60	
16	415	15	480Y/277	14	SWD		FAZ-B16/2-RT	132762	1/60	
20	415	15	480Y/277	14	SWD		FAZ-B20/2-RT	132763	1/60	
25	415	15	480Y/277	14			FAZ-B25/2-RT	132764	1/60	
30	415	15	480Y/277	10			FAZ-B30/2-RT	132765	1/60	
32	415	15	480Y/277	10			FAZ-B32/2-RT	132766	1/60	
35	415	15	240	10			FAZ-B35/2-RT	132767	1/60	
40	415	15	240	10			FAZ-B40/2-RT	132768	1/60	
<b>3-pole</b>										
1	415	15	480Y/277	10	SWD	AWG 18	FAZ-B1/3-RT	132769	1/40	
1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-B1,5/3-RT	132770	1/40	
2	415	15	480Y/277	10	SWD	AWG 18	FAZ-B2/3-RT	132771	1/40	
3	415	15	480Y/277	10	SWD	AWG 18	FAZ-B3/3-RT	132772	1/40	
4	415	15	480Y/277	10	SWD	AWG 18	FAZ-B4/3-RT	132773	1/40	
5	415	15	480Y/277	10	SWD	AWG 18	FAZ-B5/3-RT	132774	1/40	
6	415	15	480Y/277	10	SWD	AWG 18	FAZ-B6/3-RT	132775	1/40	
7	415	15	480Y/277	10	SWD	AWG 18	FAZ-B7/3-RT	132776	1/40	
8	415	15	480Y/277	10	SWD	AWG 16	FAZ-B8/3-RT	132777	1/40	
10	415	15	480Y/277	10	SWD	AWG 16	FAZ-B10/3-RT	132778	1/40	
13	415	15	480Y/277	10	SWD		FAZ-B13/3-RT	132779	1/40	
15	415	15	480Y/277	14	SWD		FAZ-B15/3-RT	132780	1/40	
16	415	15	480Y/277	14	SWD		FAZ-B16/3-RT	132781	1/40	
20	415	15	480Y/277	14	SWD		FAZ-B20/3-RT	132782	1/40	
25	415	15	480Y/277	14			FAZ-B25/3-RT	132783	1/40	
30	415	15	480Y/277	10			FAZ-B30/3-RT	132784	1/40	
32	415	15	480Y/277	10			FAZ-B32/3-RT	132785	1/40	
35	415	15	240	10			FAZ-B35/3-RT	132786	1/40	
40	415	15	240	10			FAZ-B40/3-RT	132787	1/40	

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## FAZ...-RT/-DU Miniature Circuit Breakers (MCBs)

### Characteristic C

	Rated current $I_n$ (A)	Rated voltage IEC/EN 60947-2 (V)	Breaking capacity acc. to IEC/EN 60947-2 (kA)	Rated voltage UL489 (V)	Breaking capacity acc. to UL489 (kA)	SWD	NFPA 79	RT Type Designation	RT Article No.	DU Type Designation	DU Article No.	Units per package
<b>1-pole</b>												
0.5	240/415	15	277	10	SWD	AWG 18	FAZ-C0,5/1-RT	181884	FAZ-C0,5/1-DU	185095	12/120	
1	240/415	15	277	10	SWD	AWG 18	FAZ-C1/1-RT	181886	FAZ-C1/1-DU	185096	12/120	
1.5	240/415	15	277	10	SWD	AWG 18	FAZ-C1,5/1-RT	181888	FAZ-C1,5/1-DU	185097	12/120	
2	240/415	15	277	10	SWD	AWG 18	FAZ-C2/1-RT	181890	FAZ-C2/1-DU	185098	12/120	
3	240/415	15	277	10	SWD	AWG 18	FAZ-C3/1-RT	181892	FAZ-C3/1-DU	185099	12/120	
4	240/415	15	277	10	SWD	AWG 18	FAZ-C4/1-RT	181894	FAZ-C4/1-DU	185100	12/120	
5	240/415	15	277	10	SWD	AWG 18	FAZ-C5/1-RT	181896	FAZ-C5/1-DU	185101	12/120	
6	240/415	15	277	10	SWD	AWG 18	FAZ-C6/1-RT	181898	FAZ-C6/1-DU	185102	12/120	
7	240/415	15	277	10	SWD	AWG 18	FAZ-C7/1-RT	181900	FAZ-C7/1-DU	185103	12/120	
8	240/415	15	277	10	SWD	AWG 16	FAZ-C8/1-RT	181902	FAZ-C8/1-DU	184990	12/120	
10	240/415	15	277	10	SWD	AWG 16	FAZ-C10/1-RT	181904	FAZ-C10/1-DU	184991	12/120	
13	240/415	15	277	10	SWD		FAZ-C13/1-RT	181906	FAZ-C13/1-DU	184992	12/120	
15	240/415	15	277	14	SWD		FAZ-C15/1-RT	181908	FAZ-C15/1-DU	184993	12/120	
16	240/415	15	277	14	SWD		FAZ-C16/1-RT	181910	FAZ-C16/1-DU	184994	12/120	
20	240/415	15	277	14	SWD		FAZ-C20/1-RT	181912	FAZ-C20/1-DU	184995	12/120	
25	240/415	15	277	14			FAZ-C25/1-RT	181914	FAZ-C25/1-DU	184996	12/120	
30	240/415	15	277	10			FAZ-C30/1-RT	181916	FAZ-C30/1-DU	184997	12/120	
32	240/415	15	277	10			FAZ-C32/1-RT	181918	FAZ-C32/1-DU	184998	12/120	
35	240/415	15	240	10			FAZ-C35/1-RT	181920	FAZ-C35/1-DU	184999	12/120	
40	240/415	15	240	10			FAZ-C40/1-RT	181922	FAZ-C40/1-DU	185000	12/120	
<b>2-pole</b>												
0.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C0,5/2-RT	181924	FAZ-C0,5/2-DU	185021	1/60	
1	415	15	480Y/277	10	SWD	AWG 18	FAZ-C1/2-RT	181926	FAZ-C1/2-DU	185022	1/60	
1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C1,5/2-RT	181928	FAZ-C1,5/2-DU	185023	1/60	
2	415	15	480Y/277	10	SWD	AWG 18	FAZ-C2/2-RT	181930	FAZ-C2/2-DU	185024	1/60	
3	415	15	480Y/277	10	SWD	AWG 18	FAZ-C3/2-RT	181932	FAZ-C3/2-DU	185025	1/60	
4	415	15	480Y/277	10	SWD	AWG 18	FAZ-C4/2-RT	181934	FAZ-C4/2-DU	185026	1/60	
5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C5/2-RT	181936	FAZ-C5/2-DU	185027	1/60	
6	415	15	480Y/277	10	SWD	AWG 18	FAZ-C6/2-RT	181938	FAZ-C6/2-DU	185028	1/60	
7	415	15	480Y/277	10	SWD	AWG 18	FAZ-C7/2-RT	181940	FAZ-C7/2-DU	185029	1/60	
8	415	15	480Y/277	10	SWD	AWG 16	FAZ-C8/2-RT	181942	FAZ-C8/2-DU	185030	1/60	
10	415	15	480Y/277	10	SWD	AWG 16	FAZ-C10/2-RT	181944	FAZ-C10/2-DU	185031	1/60	
13	415	15	480Y/277	10	SWD		FAZ-C13/2-RT	181946	FAZ-C13/2-DU	185032	1/60	
15	415	15	480Y/277	14	SWD		FAZ-C15/2-RT	181948	FAZ-C15/2-DU	185033	1/60	
16	415	15	480Y/277	14	SWD		FAZ-C16/2-RT	181950	FAZ-C16/2-DU	185034	1/60	
20	415	15	480Y/277	14	SWD		FAZ-C20/2-RT	181952	FAZ-C20/2-DU	185035	1/60	
25	415	15	480Y/277	14			FAZ-C25/2-RT	181954	FAZ-C25/2-DU	185036	1/60	
30	415	15	480Y/277	10			FAZ-C30/2-RT	181956	FAZ-C30/2-DU	185037	1/60	
32	415	15	480Y/277	10			FAZ-C32/2-RT	181958	FAZ-C32/2-DU	185038	1/60	
35	415	15	240	10			FAZ-C35/2-RT	181960	FAZ-C35/2-DU	185039	1/60	
40	415	15	240	10			FAZ-C40/2-RT	181962	FAZ-C40/2-DU	185040	1/60	
<b>3-pole</b>												
0.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C0,5/3-RT	181964	FAZ-C0,5/3-DU	185061	1/40	
1	415	15	480Y/277	10	SWD	AWG 18	FAZ-C1/3-RT	181966	FAZ-C1/3-DU	185062	1/40	
1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C1,5/3-RT	181968	FAZ-C1,5/3-DU	185063	1/40	
2	415	15	480Y/277	10	SWD	AWG 18	FAZ-C2/3-RT	181970	FAZ-C2/3-DU	185064	1/40	
3	415	15	480Y/277	10	SWD	AWG 18	FAZ-C3/3-RT	181972	FAZ-C3/3-DU	185065	1/40	
4	415	15	480Y/277	10	SWD	AWG 18	FAZ-C4/3-RT	181974	FAZ-C4/3-DU	185066	1/40	
5	415	15	480Y/277	10	SWD	AWG 18	FAZ-C5/3-RT	181976	FAZ-C5/3-DU	185067	1/40	
6	415	15	480Y/277	10	SWD	AWG 18	FAZ-C6/3-RT	181978	FAZ-C6/3-DU	185068	1/40	
7	415	15	480Y/277	10	SWD	AWG 18	FAZ-C7/3-RT	181980	FAZ-C7/3-DU	185069	1/40	
8	415	15	480Y/277	10	SWD	AWG 16	FAZ-C8/3-RT	181982	FAZ-C8/3-DU	185070	1/40	
10	415	15	480Y/277	10	SWD	AWG 16	FAZ-C10/3-RT	181984	FAZ-C10/3-DU	185071	1/40	
13	415	15	480Y/277	10	SWD		FAZ-C13/3-RT	181986	FAZ-C13/3-DU	185072	1/40	
15	415	15	480Y/277	14	SWD		FAZ-C15/3-RT	181988	FAZ-C15/3-DU	185073	1/40	
16	415	15	480Y/277	14	SWD		FAZ-C16/3-RT	181990	FAZ-C16/3-DU	185074	1/40	
20	415	15	480Y/277	14	SWD		FAZ-C20/3-RT	181992	FAZ-C20/3-DU	185075	1/40	
25	415	15	480Y/277	14			FAZ-C25/3-RT	181994	FAZ-C25/3-DU	185076	1/40	
30	415	15	480Y/277	10			FAZ-C30/3-RT	181996	FAZ-C30/3-DU	185077	1/40	
32	415	15	480Y/277	10			FAZ-C32/3-RT	181998	FAZ-C32/3-DU	185078	1/40	
35	415	15	240	10			FAZ-C35/3-RT	182000	FAZ-C35/3-DU	185079	1/40	
40	415	15	240	10			FAZ-C40/3-RT	182002	FAZ-C40/3-DU	185080	1/40	

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## FAZ-...-RT/-DU Miniature Circuit Breakers (MCBs)

### Characteristic D

	Rated current $I_n$ (A)	Rated voltage IEC/EN 60947-2 (V)	Breaking capacity acc. to IEC/EN 60947-2 (kA)	Rated voltage UL489 (V)	Breaking capacity acc. to UL489 (kA)	SWD	NFPA 79 AWG	RT Type Designation	RT Article No.	DU Type Designation	DU Article No.	Units per package
<b>1-pole</b>												
0.5	240/415	15	277	10	SWD	AWG 18	FAZ-D0,5/1-RT	182004	FAZ-D0,5/1-DU	185001	12/120	
1	240/415	15	277	10	SWD	AWG 18	FAZ-D1/1-RT	182006	FAZ-D1/1-DU	185002	12/120	
1.5	240/415	15	277	10	SWD	AWG 18	FAZ-D1,5/1-RT	182008	FAZ-D1,5/1-DU	185003	12/120	
2	240/415	15	277	10	SWD	AWG 18	FAZ-D2/1-RT	182010	FAZ-D2/1-DU	185004	12/120	
3	240/415	15	277	10	SWD	AWG 18	FAZ-D3/1-RT	182012	FAZ-D3/1-DU	185005	12/120	
4	240/415	15	277	10	SWD	AWG 18	FAZ-D4/1-RT	182014	FAZ-D4/1-DU	185006	12/120	
5	240/415	15	277	10	SWD	AWG 18	FAZ-D5/1-RT	182016	FAZ-D5/1-DU	185007	12/120	
6	240/415	15	277	10	SWD	AWG 18	FAZ-D6/1-RT	182018	FAZ-D6/1-DU	185008	12/120	
7	240/415	15	277	10	SWD	AWG 18	FAZ-D7/1-RT	182020	FAZ-D7/1-DU	185009	12/120	
8	240/415	15	277	10	SWD	AWG 16	FAZ-D8/1-RT	182022	FAZ-D8/1-DU	185010	12/120	
10	240/415	15	277	10	SWD	AWG 16	FAZ-D10/1-RT	181832	FAZ-D10/1-DU	185011	12/120	
13	240/415	15	277	14	SWD		FAZ-D13/1-RT	181834	FAZ-D13/1-DU	185012	12/120	
15	240/415	15	277	14	SWD		FAZ-D15/1-RT	181836	FAZ-D15/1-DU	185013	12/120	
16	240/415	15	277	14	SWD		FAZ-D16/1-RT	181838	FAZ-D16/1-DU	185014	12/120	
20	240/415	15	277	14	SWD		FAZ-D20/1-RT	181840	FAZ-D20/1-DU	185015	12/120	
25	240/415	15	277	10			FAZ-D25/1-RT	181842	FAZ-D25/1-DU	185016	12/120	
30	240/415	15	277	10			FAZ-D30/1-RT	182024	FAZ-D30/1-DU	185017	12/120	
32	240/415	15	277	10			FAZ-D32/1-RT	182026	FAZ-D32/1-DU	185018	12/120	
35	240/415	15	240	10			FAZ-D35/1-RT	182028	FAZ-D35/1-DU	185019	12/120	
40	240/415	15	240	10			FAZ-D40/1-RT	182030	FAZ-D40/1-DU	185020	12/120	
<b>2-pole</b>												
0.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-D0,5/2-RT	182032	FAZ-D0,5/2-DU	185041	1/60	
1	415	15	480Y/277	10	SWD	AWG 18	FAZ-D1/2-RT	182034	FAZ-D1/2-DU	185042	1/60	
1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-D1,5/2-RT	182036	FAZ-D1,5/2-DU	185043	1/60	
2	415	15	480Y/277	10	SWD	AWG 18	FAZ-D2/2-RT	182038	FAZ-D2/2-DU	185044	1/60	
3	415	15	480Y/277	10	SWD	AWG 18	FAZ-D3/2-RT	182040	FAZ-D3/2-DU	185045	1/60	
4	415	15	480Y/277	10	SWD	AWG 18	FAZ-D4/2-RT	182042	FAZ-D4/2-DU	185046	1/60	
5	415	15	480Y/277	10	SWD	AWG 18	FAZ-D5/2-RT	182044	FAZ-D5/2-DU	185047	1/60	
6	415	15	480Y/277	10	SWD	AWG 18	FAZ-D6/2-RT	182046	FAZ-D6/2-DU	185048	1/60	
7	415	15	480Y/277	10	SWD	AWG 18	FAZ-D7/2-RT	182048	FAZ-D7/2-DU	185049	1/60	
8	415	15	480Y/277	10	SWD	AWG 16	FAZ-D8/2-RT	182050	FAZ-D8/2-DU	185050	1/60	
10	415	15	480Y/277	10	SWD	AWG 16	FAZ-D10/2-RT	182052	FAZ-D10/2-DU	185051	1/60	
13	415	15	480Y/277	14	SWD		FAZ-D13/2-RT	182054	FAZ-D13/2-DU	185052	1/60	
15	415	15	480Y/277	14	SWD		FAZ-D15/2-RT	182056	FAZ-D15/2-DU	185053	1/60	
16	415	15	480Y/277	14	SWD		FAZ-D16/2-RT	182058	FAZ-D16/2-DU	185054	1/60	
20	415	15	480Y/277	14	SWD		FAZ-D20/2-RT	182060	FAZ-D20/2-DU	185055	1/60	
25	415	15	480Y/277	10			FAZ-D25/2-RT	182062	FAZ-D25/2-DU	185056	1/60	
30	415	15	480Y/277	10			FAZ-D30/2-RT	182064	FAZ-D30/2-DU	185057	1/60	
32	415	15	480Y/277	10			FAZ-D32/2-RT	182066	FAZ-D32/2-DU	185058	1/60	
35	415	15	240	10			FAZ-D35/2-RT	182068	FAZ-D35/2-DU	185059	1/60	
40	415	15	240	10			FAZ-D40/2-RT	182070	FAZ-D40/2-DU	185060	1/60	
<b>3-pole</b>												
0.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-D0,5/3-RT	182072	FAZ-D0,5/3-DU	185081	1/40	
1	415	15	480Y/277	10	SWD	AWG 18	FAZ-D1/3-RT	182074	FAZ-D1/3-DU	185082	1/40	
1.5	415	15	480Y/277	10	SWD	AWG 18	FAZ-D1,5/3-RT	182076	FAZ-D1,5/3-DU	185083	1/40	
2	415	15	480Y/277	10	SWD	AWG 18	FAZ-D2/3-RT	182078	FAZ-D2/3-DU	185084	1/40	
3	415	15	480Y/277	10	SWD	AWG 18	FAZ-D3/3-RT	182080	FAZ-D3/3-DU	185085	1/40	
4	415	15	480Y/277	10	SWD	AWG 18	FAZ-D4/3-RT	182082	FAZ-D4/3-DU	185086	1/40	
5	415	15	480Y/277	10	SWD	AWG 18	FAZ-D5/3-RT	182084	FAZ-D5/3-DU	185087	1/40	
6	415	15	480Y/277	10	SWD	AWG 18	FAZ-D6/3-RT	182086	FAZ-D6/3-DU	185088	1/40	
7	415	15	480Y/277	10	SWD	AWG 18	FAZ-D7/3-RT	182088	FAZ-D7/3-DU	185089	1/40	
8	415	15	480Y/277	10	SWD	AWG 16	FAZ-D8/3-RT	182090	FAZ-D8/3-DU	185090	1/40	
10	415	15	480Y/277	10	SWD	AWG 16	FAZ-D10/3-RT	182092	FAZ-D10/3-DU	185091	1/40	
13	415	15	480Y/277	14	SWD		FAZ-D13/3-RT	182094	FAZ-D13/3-DU	185092	1/40	
15	415	15	480Y/277	14	SWD		FAZ-D15/3-RT	182096	FAZ-D15/3-DU	185093	1/40	
16	415	15	480Y/277	14	SWD		FAZ-D16/3-RT	182098	FAZ-D16/3-DU	185094	1/40	
20	415	15	480Y/277	14	SWD		FAZ-D20/3-RT	182100	FAZ-D20/3-DU	184984	1/40	
25	415	15	480Y/277	10			FAZ-D25/3-RT	182102	FAZ-D25/3-DU	184985	1/40	
30	415	15	480Y/277	10			FAZ-D30/3-RT	182104	FAZ-D30/3-DU	184986	1/40	
32	415	15	480Y/277	10			FAZ-D32/3-RT	182106	FAZ-D32/3-DU	184987	1/40	
35	415	15	240	10			FAZ-D35/3-RT	182108	FAZ-D35/3-DU	184988	1/40	
40	415	15	240	10			FAZ-D40/3-RT	182110	FAZ-D40/3-DU	184989	1/40	

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## FAZ-NA, -RT, -DU Miniature Circuit Breakers

### Accessories:

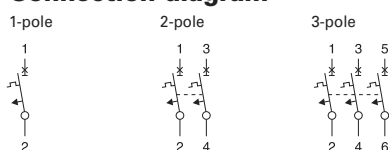
Auxiliary switch for subsequent installation	Z-IHK-NA	113895
Tripping signal contact for subsequent installation	Z-NHK	248434
Shunt trip release	FAZ-XAA-NA12-110VAC	102037
	FAZ-XAA-NA110-415VAC	102036
Switching interlock	IS/SPE-1TE	101911
	Z-IS/SPE-1TE	274418

## Specifications FAZ-NA, -RT, -DU

### Technical data IEC/EN

	FAZ-...-NA, -RT, -DU	
Productstandard	IEC/EN 60947-2	
Number of poles	1, 2, 3	
<b>Mechanical specifications</b>		
Device width	17.7mm (1-pole), 35.4 mm (2-poles), 53.1 mm (3-poles)	
Frame size	45 mm	
Socket size	105 mm	
Device depth	60 mm	
Terminals	lift terminal / ring-tongue	
Terminal capacity rigid solid/stranded wire	1-25 mm <sup>2</sup>	
Terminal screw	M5 (with slotted screw Pozidriv PZ2)	
Terminal torque	max. 2.4 Nm	
Snap on fixing	tristable (on DIN Rail acc. to IEC/EN 60715)	
Degree of Protection (DIN VDE 0470)		
Surface mounted	IP 20	
Built-in behind panel	IP 40	
Contact position indicator	red / green	
<b>Electrical specifications</b>		
Rated voltage	$U_n$	240/415 V AC
Rated current	$I_n$	0.5, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 10, 13, 15, 16, 20, 25, 30, 32, 35, 40 A
Rated insulation voltage	$U_i$	440 V AC
Rated impulse withstand voltage	$U_{imp}$	4 kV (1.2/50)µsec
<b>Tripping characteristic</b>		
Conventional non-tripping current	$I_{nt}$	$I_{nt}=1.05 I_n$
Conventional tripping current	$I_t$	$I_t=1.30 I_n$
Reference temperature	30 °C	
Temperature factor	0.5% /K	
Instantaneous tripping current	$I_{mt}$	type B: $3 I_n < I_{mt} = 5 I_n$ ; $t(I_{mt}) < 0.1$ sec (IEC/EN 60898-1) type C: $5 I_n < I_{mt} = 10 I_n$ ; $t(I_{mt}) < 0.1$ sec (IEC/EN 60898-1) type D: $10 I_n < I_{mt} = 20 I_n$ ; $t(I_{mt}) < 0.1$ sec (IEC/EN 60898-1)
Rated short-circuit braking capacity	$I_{cu}$	15 kA
Service short circuit capacity	$I_{cs}$	7.5 kA
Selectivity class	3 (acc. to EN 60898)	
Number of electrical operations	> 1500	
Number of mechanical operations	> 10000	
Climatic conditions	acc. to IEC 68-2 (25..55°C / 90..95% RH)	
Operating temperature range	-40°C to +75°C	

### Connection diagram



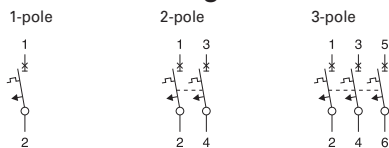


## Specifications FAZ-NA, -RT, -DU

### Technical data UL

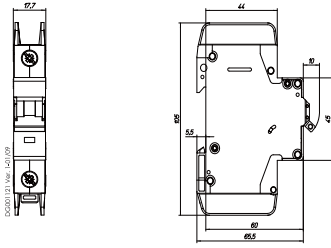
		FAZ-...-NA, -RT, -DU
Productstandard		UL 489 CSA C22.2 No. 5-02
Number of poles		1, 2, 3
<b>Mechanical specifications</b>		
Device width		0.697 in. (1-pole), 1.394 in. (2-poles), 2.090 in. (3-poles)
Frame size		1.772 in.
Socket size		4.134 in.
Device depth		2.362 in.
Terminals		lift terminal / ring-tongue
Terminal capacity		1 Wire: #18-6 AWG (Cu only) 2 Wires: #18-10 AWG (Cu only)
Terminal screw		M5 (with slotted screw Pozidriv PZ2)
Terminal torque		#18-12 AWG: 21 lb-in #10-8 AWG: 25 lb-in #6 AWG: 36 lb-in
Snap on fixing		tristable (on DIN Rail acc. to IEC/EN 60715)
Contact position indicator		red / green
<b>Electrical specifications</b>		
Rated voltage	$U_n$	0.5-32 A: 480Y/277 V AC, 35-40 A: 240 V AC
Rated current	$I_n$	0.5, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 10, 13, 15, 16, 20, 25, 30, 32, 35, 40 A
<b>Tripping characteristic</b>		
Conventional non-tripping current		$I_{nt}=1.00 I_n$
Conventional tripping current		$I_t=1.35 I_n$
Reference temperature		40 °C
Temperature factor		0.5% /K
Instantaneous tripping current	$I_{mt}$	type C: $5 I_n < I_{mt} = 10 I_n; t(I_{mt}) < 0.1 \text{ sec}$ type D: $10 I_n < I_{mt} = 20 I_n; t(I_{mt}) < 0.1 \text{ sec}$
Current interrupting rating		10 kA, 14 kA (types D13, B/C/D15, 16, 20, B/C25 A)
Current-Limiting at 240 V / 10 kA		1p, 2p, 3p to $I^2t = 43 \text{ kA}^2\text{s}$ and $I_{peak} = 6.2 \text{ kA}$
Current-Limiting at 480Y/277 V / 10 kA		1p, 2p, 3p to $I^2t = 60 \text{ kA}^2\text{s}$ and $I_{peak} = 6.2 \text{ kA}$
Current-Limiting at 480Y/277 V / 14 kA		1p, 2p, 3p to $I^2t = 65 \text{ kA}^2\text{s}$ and $I_{peak} = 7.5 \text{ kA}$
Selectivity class		3 (acc. to EN 60898)
Number of electrical operations		6000
Number of mechanical operations		10000
Climatic conditions		acc. to IEC 68-2 (25..55°C / 90..95% RH)
Operating temperature range		-5°C to +40°C

### Connection diagram

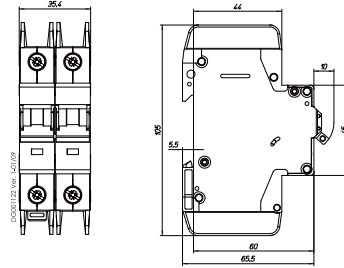


## Dimensions (mm) FAZ-...-NA, -RT, -DU

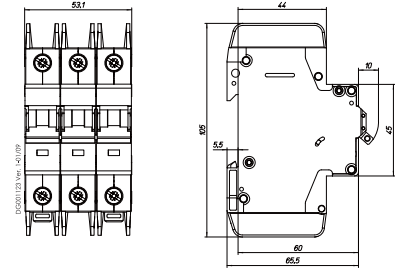
1-pole



2-pole

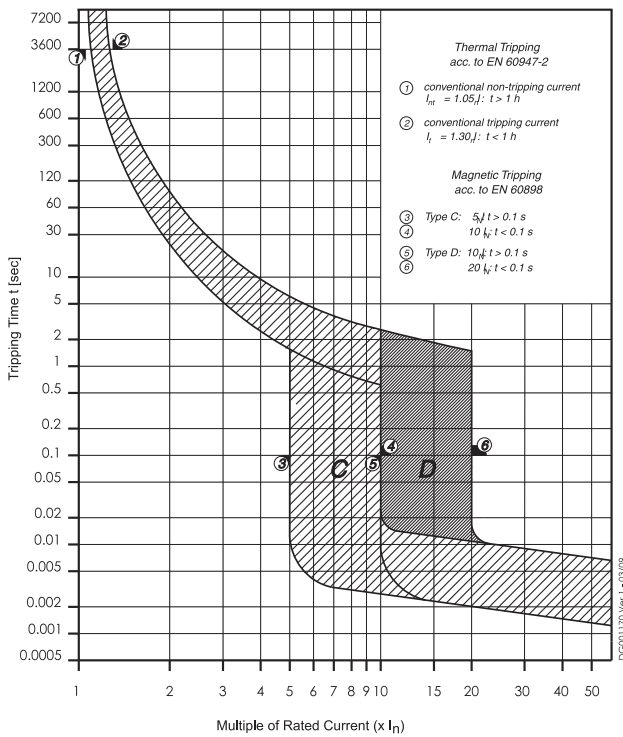


3-pole

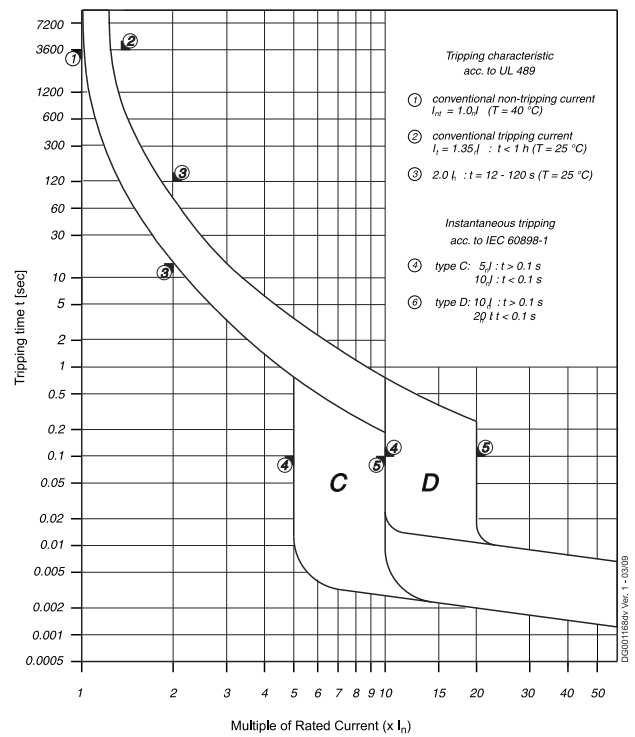


## Tripping Characteristic FAZ-...-NA, -RT, -DU

Characteristics C and D - EN/IEC 60947-2



Characteristics C and D - UL 489



## Internal Resistance FAZ-...-NA, -RT, -DU

### Type C

At room temperature (single pole)

$I_n$ [A]	$Z^*$ [m $\Omega$ ]	$R$ [m $\Omega$ ]
0.5	6400	6300
1	1100	1080
1.5	560	550
2	340	330
3	132	130
4	86	85
5	70	69
6	31	30
7	28	27
8	20	19.6
10	15.8	15.5
13	12.3	12.1
15	7.1	7.0
16	7.1	7.0
20	6.0	5.9
25	4.1	4.0
30	2.8	2.7
32	2.8	2.7
35	2.5	2.5
40	2.1	2.1

\* 50Hz

### Type D

At room temperature (single pole)

$I_n$ [A]	$Z^*$ [m $\Omega$ ]	$R$ [m $\Omega$ ]
0.5	6400	6300
1	770	755
1.5	460	450
2	250	245
3	132	130
4	86	85
5	57	56
6	31	30
7	28	27
8	18	17.6
10	13.5	13.2
13	10.5	10.3
15	5.9	5.8
16	5.9	5.8
20	4.0	3.9
25	3.4	3.3
30	2.5	2.5
32	2.5	2.5
35	2.5	2.5
40	2.0	2.0

\* 50Hz

## Power Loss at $I_n$ FAZ-...-NA, -RT, -DU

### Type C

$I_n$ [A]	1p	2p	3p
	$P^*$ [W]	$P^*$ [W]	$P^*$ [W]
0.5	1.6	3.2	4.7
1	1.1	2.2	3.4
1.5	1.3	2.6	3.9
2	1.4	2.8	4.3
3	1.2	2.4	3.6
4	1.4	2.9	4.3
5	1.9	3.7	5.6
6	1.2	2.3	3.5
7	1.4	2.8	4.3
8	1.4	2.8	4.2
10	1.8	3.6	5.3
13	2.4	4.7	7.1
15	1.9	3.8	5.6
16	2.1	4.3	6.4
20	2.9	5.8	8.7
25	3.1	6.2	9.3
30	3.0	6.0	9.0
32	3.4	6.8	10.2
35	3.7	7.4	11.0
40	4.0	8.1	12.1

\*50Hz

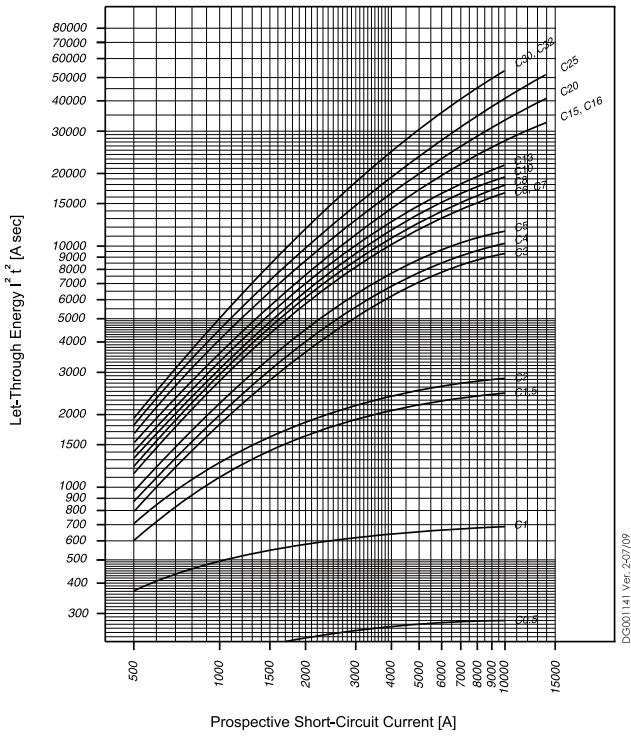
### Type D

$I_n$ [A]	1p	2p	3p
	$P^*$ [W]	$P^*$ [W]	$P^*$ [W]
0.5	1.6	3.2	4.8
1	0.8	1.5	2.3
1.5	1.0	2.1	3.1
2	1.0	2.1	3.1
3	1.2	2.4	3.6
4	1.4	2.9	4.3
5	1.5	2.9	4.4
6	1.2	2.3	3.5
7	1.4	2.8	4.3
8	1.2	2.4	3.7
10	1.5	3.0	4.5
13	2.0	4.1	6.1
15	1.5	3.1	4.6
16	1.7	3.5	5.2
20	1.8	3.7	5.5
25	2.6	5.1	7.7
30	2.7	5.4	8.1
32	3.1	6.2	9.3
35	3.8	7.6	11.3
40	3.9	7.8	11.6

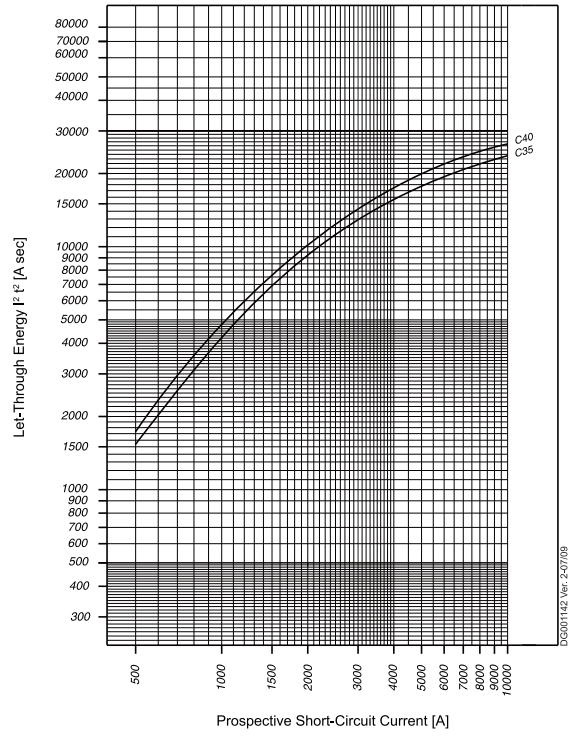
\*50Hz

## Maximum Let-Through Energy FAZ-...-NA, -RT, -DU

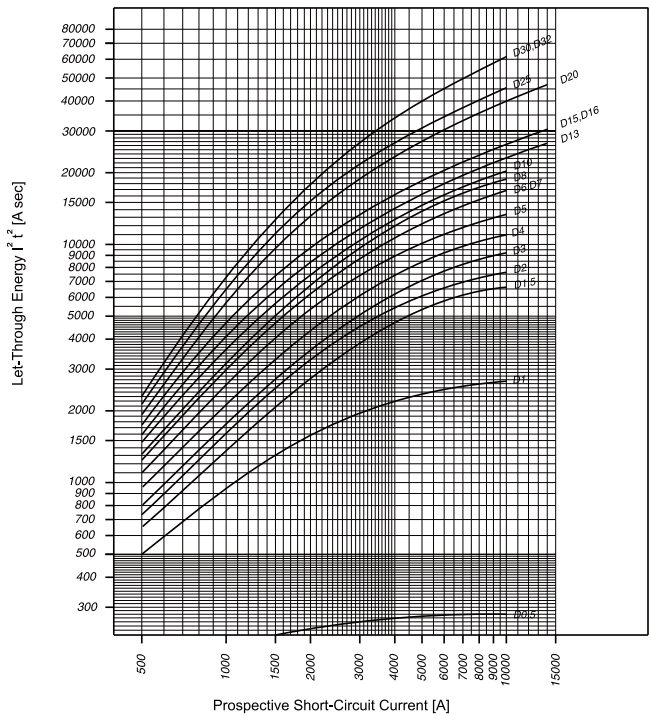
**Type C (0.5 - 32 A), 277 V**



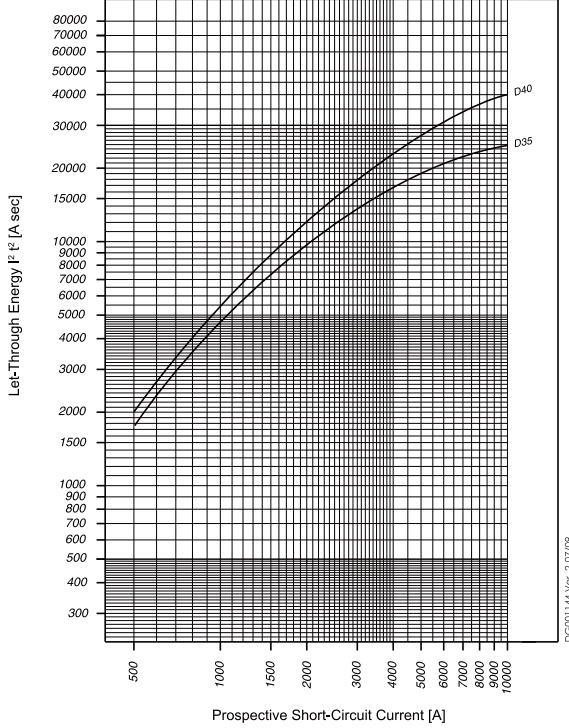
**Type C (35 - 40 A), 240 V**



**Type D (0.5 - 32 A), 277 V**

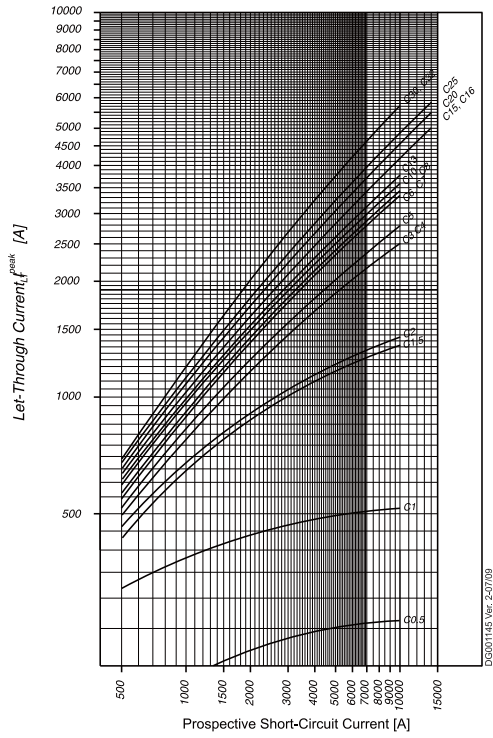


**Type D (35 - 40 A), 240 V**

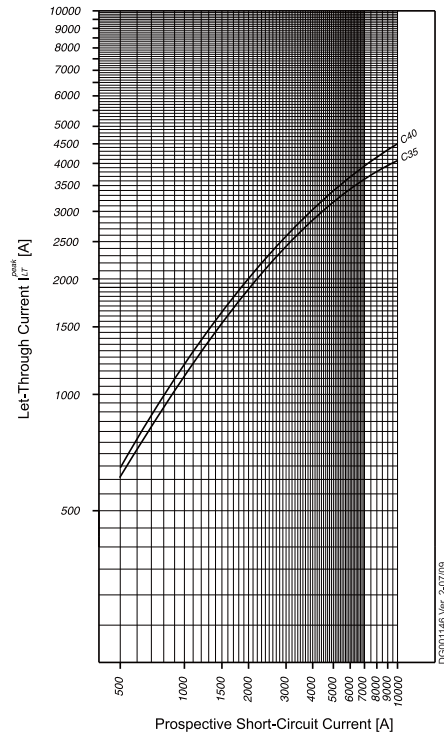


## Maximum Let-Through Current FAZ-...-NA, -RT, -DU

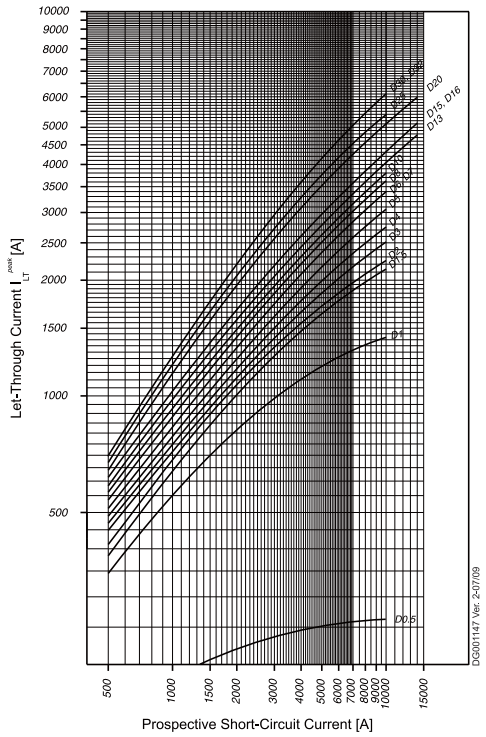
**Type C (0.5 - 32 A), 277 V**



**Type C (35 - 40 A), 240 V**



**Type D (0.5 - 32 A), 277 V**



**Type D (35 - 40 A), 240 V**

