






Miniature Circuit Breakers CLS4 DE

- High-quality miniature circuit breakers for residential applications
- Contact position indicator red - green
- Comprehensive range of accessories suitable for subsequent installation
- Rated currents up to 63 A
- Tripping characteristics B, C
- Rated breaking capacity 4.5 kA according to IEC/EN 60898-1

SG63711



Protective Devices

		Miniature Circuit Breakers CLS4			DE
		Characteristic C			
		Rated Current I_n (A)	Type Designation	Article No.	Units per package
 <p>SG83011</p>	1-pole				
	2	CLS4-C2	247836	12 / 120	
	4	CLS4-C4	247837	12 / 120	
	6	CLS4-C6	247838	12 / 120	
	10	CLS4-C10	247839	12 / 120	
	13	CLS4-C13	247840	12 / 120	
	16	CLS4-C16	247841	12 / 120	
	20	CLS4-C20	247842	12 / 120	
	25	CLS4-C25	247843	12 / 120	
	32	CLS4-C32	247844	12 / 120	
 <p>SG82811</p>	1+N-pole				
	2	CLS4-C2/1N	247860	1 / 60	
	4	CLS4-C4/1N	247861	1 / 60	
	6	CLS4-C6/1N	247862	1 / 60	
	10	CLS4-C10/1N	247863	1 / 60	
	13	CLS4-C13/1N	247864	1 / 60	
	16	CLS4-C16/1N	247865	1 / 60	
	20	CLS4-C20/1N	247866	1 / 60	
	25	CLS4-C25/1N	247867	1 / 60	
	32	CLS4-C32/1N	247868	1 / 60	
 <p>SG82711</p>	2-pole				
	2	CLS4-C2/2	247884	1 / 60	
	4	CLS4-C4/2	247885	1 / 60	
	6	CLS4-C6/2	247886	1 / 60	
	10	CLS4-C10/2	247887	1 / 60	
	13	CLS4-C13/2	247888	1 / 60	
	16	CLS4-C16/2	247889	1 / 60	
	20	CLS4-C20/2	247890	1 / 60	
	25	CLS4-C25/2	247891	1 / 60	
	32	CLS4-C32/2	247892	1 / 60	
 <p>SG83611</p>	3-pole				
	2	CLS4-C2/3	247908	1 / 40	
	4	CLS4-C4/3	247909	1 / 40	
	6	CLS4-C6/3	247910	1 / 40	
	10	CLS4-C10/3	247911	1 / 40	
	13	CLS4-C13/3	247912	1 / 40	
	16	CLS4-C16/3	247913	1 / 40	
	20	CLS4-C20/3	247914	1 / 40	
	25	CLS4-C25/3	247915	1 / 40	
	32	CLS4-C32/3	247916	1 / 40	
 <p>SG83811</p>	3+N-pole				
	2	CLS4-C2/3N	247932	1 / 30	
	4	CLS4-C4/3N	247933	1 / 30	
	6	CLS4-C6/3N	247934	1 / 30	
	10	CLS4-C10/3N	247935	1 / 30	
	13	CLS4-C13/3N	247936	1 / 30	
	16	CLS4-C16/3N	247937	1 / 30	
	20	CLS4-C20/3N	247938	1 / 30	
	25	CLS4-C25/3N	247939	1 / 30	
	32	CLS4-C32/3N	247940	1 / 30	
40	CLS4-C40/3N	247941	1 / 30		
50	CLS4-C50/3N	247942	1 / 30		
63	CLS4-C63/3N	247943	1 / 30		

Protective Devices

SG83711



Rated Current I_n (A)	Type Designation	Article No.	Units per package
4-pole			
2	CLS4-C2/4	247957	1 / 30
4	CLS4-C4/4	247958	1 / 30
6	CLS4-C6/4	247959	1 / 30
10	CLS4-C10/4	247960	1 / 30
13	CLS4-C13/4	247961	1 / 30
16	CLS4-C16/4	247962	1 / 30
20	CLS4-C20/4	247963	1 / 30
25	CLS4-C25/4	247964	1 / 30
32	CLS4-C32/4	247965	1 / 30
40	CLS4-C40/4	247966	1 / 30
50	CLS4-C50/4	247967	1 / 30
63	CLS4-C63/4	247968	1 / 30

Protective Devices

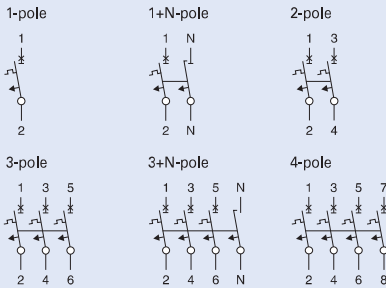
Miniature Circuit Breakers CLS.

- High selectivity between MCB and back-up fuse due to low let-through energy
- Twin-purpose terminal (lift/open-mouthed) above and below
- Compatible with standard busbar
- Meets the requirements of insulation co-ordination, distance between contacts ≥ 4 mm, for secure isolation
- Suitable for applications up to 48 V DC (use CLS6-DC for higher DC voltages)

Accessories:

Auxiliary switch for subsequent installation	Z-AHK	248433
Tripping signal contact for subsequent installation	Z-NHK	248434
Remote control and automatic switching device	Z-FW/LP	248296
Shunt trip release	ZP-ASA	248438, 248439
Undervoltage release	Z-USA/..	248288-248291
Compact enclosure	KLV-TC-2	276240
	KLV-TC-4	276241
Additional terminal 35mm ²	Z-HA-EK/35	263960
Switching interlock	Z-IS/SPE-1TE	274418

Connection diagrams



Technical Data

Electrical

Design according to	IEC/EN 60898-1
Current test marks as printed onto the device	
Rated voltage	AC: 230/400V DC: 48V (per pole, max. 2 Pole)
Rated frequency	50/60 Hz
Rated breaking capacity according to IEC/EN 60898-1	
CLS6	6 kA
CLS4	4.5 kA
Characteristic	B, C, D
Back-up fuse	
>6 kA	max. 100 A gL
>4,5 kA	max. 80 A gL
Selectivity class	3
Endurance	$\geq 10,000$ electrical switching operations
Line voltage connection	optional (above/below)

Mechanical

Frame size	45 mm
Device height	80 mm
Device width	17.5 mm per pole (1MU) 26.3 mm: device 1P+N (1.5MU)
Mounting	quick fastening with 2 lock-in positions on DIN rail IEC/EN 60715
Degree of protection	IP20
Upper and lower terminals	open mouthed/lift terminals
Terminal protection	finger and hand touch safe, BGV A3, ÖVE-EN 6
Terminal capacity	1-25 mm ²
Terminal fastening torque	2-2.4 Nm
Busbar thickness	0.8 - 2 mm

Dimensions (mm)

