Circuit breakers for circuit protection



90 MCB

Modular circuit breakers for circuit protection

p. 438

90 MCB

Compact miniature circuit breakers

Icn [A] (EN60898)	Curve	In [A]	MCB					
								
			1P	1P+N(*)	1P+N(**)	2P	3P	4P
			1 mod.	1 mod.	1 mod.	1 mod.	2 mod.	2 mod.
			MTC 45					
4500	C	2	-	GW 90 022	GW 90 602	-	-	-
		6	GW 90 005	GW 90 025	GW 90 605	GW 90 045	GW 90 065	GW 90 085
		10	GW 90 006	GW 90 026	GW 90 606	GW 90 046	GW 90 066	GW 90 086
		13	GW 90 011	GW 90 031	-	GW 90 051	GW 90 071	GW 90 091
		16	GW 90 007	GW 90 027	GW 90 607	GW 90 047	GW 90 067	GW 90 087
		20	GW 90 008	GW 90 028	GW 90 608	GW 90 048	GW 90 068	GW 90 088
		25	GW 90 009	GW 90 029	GW 90 609	GW 90 049	GW 90 069	GW 90 089
		32	GW 90 010	GW 90 030	GW 90 610	GW 90 050	GW 90 070	GW 90 090
	D	10	-	-	GW 90 626	-	-	-
		16	-	-	GW 90 627	-	-	-
		20	-	-	GW 90 628	-	-	-
		25	-	-	GW 90 629	-	-	-
		32	-	-	GW 90 630	-	-	-
			MTC 60					
6000	C	6	-	GW 90 225	-	GW 90 245	GW 90 265	GW 90 285
		10	-	GW 90 226	-	GW 90 246	GW 90 266	GW 90 286
		13	-	GW 90 231	-	GW 90 251	GW 90 271	GW 90 291
		16	-	GW 90 227	-	GW 90 247	GW 90 267	GW 90 287
		20	-	GW 90 228	-	GW 90 248	GW 90 268	GW 90 288
		25	-	GW 90 229	-	GW 90 249	GW 90 269	GW 90 289
		32	-	GW 90 230	-	GW 90 250	GW 90 270	GW 90 290
	B	6	-	GW 90 325	-	GW 90 345	-	-
		10	-	GW 90 326	-	GW 90 346	-	-
		13	-	GW 90 327	-	GW 90 347	-	-
		16	-	GW 90 328	-	GW 90 348	-	-
		20	-	GW 90 329	-	GW 90 349	-	-
		25	-	GW 90 330	-	GW 90 350	-	-
		32	-	GW 90 331	-	GW 90 351	-	-
			MTC 100					
10000	C	6	-	-	-	GW 90 445	-	-
		10	-	-	-	GW 90 446	-	-
		13	-	-	-	GW 90 451	-	-
		16	-	-	-	GW 90 447	-	-
		20	-	-	-	GW 90 448	-	-
		25	-	-	-	GW 90 449	-	-
		32	-	-	-	GW 90 450	-	-

(*) Versions that cannot be equipped with auxiliary contacts, opening releases or reclosing devices.
(**) MCBs with neutral on the left. Versions that cannot be equipped with auxiliary contacts, opening releases or reclosing devices.

Miniature circuit breakers (accessories not available) (*)

			MCB				
							
Icn [A] (EN60898)	**Curve**	**In [A]**	**1P** **1 mod.**	**1P+N** **2 mod.**	**2P** **2 mod.**	**3P** **3 mod.**	**4P** **4 mod.**
			MT 4				
4500	C	6	GW D2 105	GW D2 125	GW D2 145	GW D2 165	GW D2 185
		10	GW D2 106	GW D2 126	GW D2 146	GW D2 166	GW D2 186
		13	GW D2 107	GW D2 127	GW D2 147	GW D2 167	GW D2 187
		16	GW D2 108	GW D2 128	GW D2 148	GW D2 168	GW D2 188
		20	GW D2 109	GW D2 129	GW D2 149	GW D2 169	GW D2 189
		25	GW D2 110	GW D2 130	GW D2 150	GW D2 170	GW D2 190
		32	GW D2 111	GW D2 131	GW D2 151	GW D2 171	GW D2 191
		40	GW D2 112	GW D2 132	GW D2 152	GW D2 172	GW D2 192
		50	GW D2 113	GW D2 133	GW D2 153	GW D2 173	GW D2 193
		63	GW D2 114	GW D2 134	GW D2 154	GW D2 174	GW D2 194
	B	6	GW D2 305	GW D2 325	GW D2 345	GW D2 365	GW D2 385
		10	GW D2 306	GW D2 326	GW D2 346	GW D2 366	GW D2 386
		13	GW D2 307	GW D2 327	GW D2 347	GW D2 367	GW D2 387
		16	GW D2 308	GW D2 328	GW D2 348	GW D2 368	GW D2 388
		20	GW D2 309	GW D2 329	GW D2 349	GW D2 369	GW D2 389
		25	GW D2 310	GW D2 330	GW D2 350	GW D2 370	GW D2 390
		32	GW D2 311	GW D2 331	GW D2 351	GW D2 371	GW D2 391
		40	GW D2 312	GW D2 332	GW D2 352	GW D2 372	GW D2 392
		50	GW D2 313	GW D2 333	GW D2 353	GW D2 373	GW D2 393
		63	GW D2 314	GW D2 334	GW D2 354	GW D2 374	GW D2 394
			MT 6				
6000	C	6	GW D2 005	GW D2 025	GW D2 045	GW D2 065	GW D2 085
		10	GW D2 006	GW D2 026	GW D2 046	GW D2 066	GW D2 086
		13	GW D2 014	GW D2 034	GW D2 054	GW D2 074	GW D2 094
		16	GW D2 007	GW D2 027	GW D2 047	GW D2 067	GW D2 087
		20	GW D2 008	GW D2 028	GW D2 048	GW D2 068	GW D2 088
		25	GW D2 009	GW D2 029	GW D2 049	GW D2 069	GW D2 089
		32	GW D2 010	GW D2 030	GW D2 050	GW D2 070	GW D2 090
		40	GW D2 011	GW D2 031	GW D2 051	GW D2 071	GW D2 091
		50	GW D2 012	GW D2 032	GW D2 052	GW D2 072	GW D2 092
		63	GW D2 013	GW D2 033	GW D2 053	GW D2 073	GW D2 093
	B	6	GW D2 205	GW D2 225	GW D2 245	GW D2 265	GW D2 285
		10	GW D2 206	GW D2 226	GW D2 246	GW D2 266	GW D2 286
		13	GW D2 214	GW D2 234	GW D2 254	GW D2 274	GW D2 294
		16	GW D2 207	GW D2 227	GW D2 247	GW D2 267	GW D2 287
		20	GW D2 208	GW D2 228	GW D2 248	GW D2 268	GW D2 288
		25	GW D2 209	GW D2 229	GW D2 249	GW D2 269	GW D2 289
		32	GW D2 210	GW D2 230	GW D2 250	GW D2 270	GW D2 290
		40	GW D2 211	GW D2 231	GW D2 251	GW D2 271	GW D2 291
		50	GW D2 212	GW D2 232	GW D2 252	GW D2 272	GW D2 292
		63	GW D2 213	GW D2 233	GW D2 253	GW D2 273	GW D2 293

(*) Versions that cannot be equipped with auxiliary contacts, opening releases, add-on RCDs or reclosing devices.

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Miniature circuit breakers

Icn [A] (EN60898)	Curve	In [A]	MCB				
							
			1P	1P+N	2P	3P	4P
			1 mod.	2 mod.	2 mod.	3 mod.	4 mod.
			MT 60				
6000	C	1	GW 92 001	GW 92 021	GW 92 041	GW 92 061	GW 92 081
		2	GW 92 002	GW 92 022	GW 92 042	GW 92 062	GW 92 082
		3	GW 92 003	GW 92 023	GW 92 043	GW 92 063	GW 92 083
		4	GW 92 004	GW 92 024	GW 92 044	GW 92 064	GW 92 084
		6	GW 92 005	GW 92 025	GW 92 045	GW 92 065	GW 92 085
		10	GW 92 006	GW 92 026	GW 92 046	GW 92 066	GW 92 086
		13	GW 92 014	GW 92 034	GW 92 054	GW 92 074	GW 92 094
		16	GW 92 007	GW 92 027	GW 92 047	GW 92 067	GW 92 087
		20	GW 92 008	GW 92 028	GW 92 048	GW 92 068	GW 92 088
		25	GW 92 009	GW 92 029	GW 92 049	GW 92 069	GW 92 089
		32	GW 92 010	GW 92 030	GW 92 050	GW 92 070	GW 92 090
		40	GW 92 011	GW 92 031	GW 92 051	GW 92 071	GW 92 091
		50	GW 92 012	GW 92 032	GW 92 052	GW 92 072	GW 92 092
		63	GW 92 013	GW 92 033	GW 92 053	GW 92 073	GW 92 093
	B	6	GW 92 205	-	GW 92 245	GW 92 265	GW 92 285
		10	GW 92 206	-	GW 92 246	GW 92 266	GW 92 286
		13	GW 92 214	-	GW 92 254	GW 92 274	GW 92 294
		16	GW 92 207	-	GW 92 247	GW 92 267	GW 92 287
		20	GW 92 208	-	GW 92 248	GW 92 268	GW 92 288
		25	GW 92 209	-	GW 92 249	GW 92 269	GW 92 289
		32	GW 92 210	-	GW 92 250	GW 92 270	GW 92 290
		40	GW 92 211	-	GW 92 251	GW 92 271	GW 92 291
		50	GW 92 212	-	GW 92 252	GW 92 272	GW 92 292
		63	GW 92 213	-	GW 92 253	GW 92 273	GW 92 293
	D	6	GW 92 405	-	GW 92 445	GW 92 465	GW 92 485
		10	GW 92 406	-	GW 92 446	GW 92 466	GW 92 486
		13	GW 92 414	-	GW 92 454	GW 92 474	GW 92 494
		16	GW 92 407	-	GW 92 447	GW 92 467	GW 92 487
		20	GW 92 408	-	GW 92 448	GW 92 468	GW 92 488
		25	GW 92 409	-	GW 92 449	GW 92 469	GW 92 489
		32	GW 92 410	-	GW 92 450	GW 92 470	GW 92 490
		40	GW 92 411	-	GW 92 451	GW 92 471	GW 92 491

Miniature circuit breakers

			MCB							
			MT				MTHP			
										
Icn [A] (EN60898)	Curve	In [A]	1P 1 mod.	2P 2 mod.	3P 3 mod.	4P 4 mod.	1P 1.5 mod.	2P 3 mod.	3P 4.5 mod.	4P 6 mod.
			MT 100							
10000	C	6	GW 92 605	GW 92 645	GW 92 665	GW 92 685	-	-	-	-
		10	GW 92 606	GW 92 646	GW 92 666	GW 92 686	-	-	-	-
		13	GW 92 614	GW 92 654	GW 92 674	GW 92 694	-	-	-	-
		16	GW 92 607	GW 92 647	GW 92 667	GW 92 687	-	-	-	-
		20	GW 92 608	GW 92 648	GW 92 668	GW 92 688	-	-	-	-
		25	GW 92 609	GW 92 649	GW 92 669	GW 92 689	-	-	-	-
		32	GW 92 610	GW 92 650	GW 92 670	GW 92 690	-	-	-	-
		40	GW 92 611	GW 92 651	GW 92 671	GW 92 691	-	-	-	-
		50	GW 92 612	GW 92 652	GW 92 672	GW 92 692	-	-	-	-
		63	GW 92 613	GW 92 653	GW 92 673	GW 92 693	-	-	-	-
	B	6	GW 92 505	GW 92 545	GW 92 565	GW 92 585	-	-	-	-
		10	GW 92 506	GW 92 546	GW 92 566	GW 92 586	-	-	-	-
		13	GW 92 507	GW 92 547	GW 92 567	GW 92 587	-	-	-	-
		16	GW 92 508	GW 92 548	GW 92 568	GW 92 588	-	-	-	-
		20	GW 92 509	GW 92 549	GW 92 569	GW 92 589	-	-	-	-
		25	GW 92 510	GW 92 550	GW 92 570	GW 92 590	-	-	-	-
		32	GW 92 511	GW 92 551	GW 92 571	GW 92 591	-	-	-	-
		40	GW 92 512	GW 92 552	GW 92 572	GW 92 592	-	-	-	-
		50	GW 92 513	GW 92 553	GW 92 573	GW 92 593	-	-	-	-
		63	GW 92 514	GW 92 554	GW 92 574	GW 92 594	-	-	-	-
	D	1	GW 92 701	GW 92 741	GW 92 761	GW 92 781	-	-	-	-
		2	GW 92 702	GW 92 742	GW 92 762	GW 92 782	-	-	-	-
		3	GW 92 703	GW 92 743	GW 92 763	GW 92 783	-	-	-	-
		4	GW 92 704	GW 92 744	GW 92 764	GW 92 784	-	-	-	-
		6	GW 92 705	GW 92 745	GW 92 765	GW 92 785	-	-	-	-
		10	GW 92 706	GW 92 746	GW 92 766	GW 92 786	-	-	-	-
		13	GW 92 714	GW 92 754	GW 92 774	GW 92 794	-	-	-	-
		16	GW 92 707	GW 92 747	GW 92 767	GW 92 787	-	-	-	-
		20	GW 92 708	GW 92 748	GW 92 768	GW 92 788	-	-	-	-
		25	GW 92 709	GW 92 749	GW 92 769	GW 92 789	-	-	-	-
		32	GW 92 710	GW 92 750	GW 92 770	GW 92 790	-	-	-	-
		40	GW 92 711	GW 92 751	GW 92 771	GW 92 791	-	-	-	-
							MTHP 160			
10000 (16kA EN60947-2)	C	80	-	-	-	-	GW 93 307	GW 93 327	GW 93 337	GW 93 347
		100	-	-	-	-	GW 93 308	GW 93 328	GW 93 338	GW 93 348
		125	-	-	-	-	GW 93 309	GW 93 329	GW 93 339	GW 93 349
	D	50	-	-	-	-	GW 93 355	GW 94 375	GW 93 385	GW 93 395
		63	-	-	-	-	GW 93 356	GW 93 376	GW 93 386	GW 93 396
		80	-	-	-	-	GW 93 357	GW 93 377	GW 93 387	GW 93 397
		100	-	-	-	-	GW 93 358	GW 93 378	GW 93 388	GW 93 398
			MT 250				**MTHP 250**			
12500	C	50	GW 92 812	GW 92 852	GW 92 872	GW 92 892	-	-	-	-
		63	GW 92 813	GW 92 853	GW 92 873	GW 92 893	-	-	-	-
15000	C	32	GW 92 810	GW 92 850	GW 92 870	GW 92 890	-	-	-	-
		40	GW 92 811	GW 92 851	GW 92 871	GW 92 891	-	-	-	-
20000	C	25	GW 92 809	GW 92 849	GW 92 869	GW 92 889	-	-	-	-
25000	C	6	GW 92 805	GW 92 845	GW 92 865	GW 92 885	-	-	-	-
		10	GW 92 806	GW 92 846	GW 92 866	GW 92 886	-	-	-	-
		16	GW 92 807	GW 92 847	GW 92 867	GW 92 887	-	-	-	-
		20	GW 92 808	GW 92 848	GW 92 868	GW 92 888	GW 93 201	GW 93 221	GW 93 231	GW 93 241
		25	-	-	-	-	GW 93 202	GW 93 222	GW 93 232	GW 93 242
		32	-	-	-	-	GW 93 203	GW 93 223	GW 93 233	GW 93 243
		40	-	-	-	-	GW 93 204	GW 93 224	GW 93 234	GW 93 244
		50	-	-	-	-	GW 93 205	GW 93 225	GW 93 235	GW 93 245
		63	-	-	-	-	GW 93 206	GW 93 226	GW 93 236	GW 93 246

Technical data - Modular circuit breakers for circuit protection - MCB - MTC - MT - MTHP

				MTC						MT			
				MTC 45			MTC 60			MTC 100	MT 4		MT 6	
														
Standards:				IEC EN 60898-1 IEC EN 60947-2										
Rated current (In):			**(A)**	2-32			6-32			6-32	6-63		6-63	
Utilization category:			**A**	A			A			A	A		A	
Rated operational voltage (Ue):			**(V)**	230/400 - 240/415			230/400 - 240/415			230 - 240	230/400 - 240/415		230/400 - 240/415	
Minimum operating voltage (Ue min):			**(V)**	12 ac/dc			12 ac/dc			12 ac/dc	12 ac		12 ac	
Maximum operating voltage (Ue max):			**(V)**	440 ac/ 250 dc			440 ac/ 250 dc			253 ac/ 125 dc	440 ac		440 ac	
Insulation voltage (Ui):			**(V)**	500			500			500	500		500	
Rated frequency:			**(Hz)**	50/60			50/60			50/60	50/60		50/60	
Rated impulse withstand voltage (Uimp):			**(kV)**	4			4			4	4		4	
Overvoltage category:			**III**	III			III			III	III		III	
Number of poles:				1P, 1P+N	2P	3P, 4P	1P+N	2P	3P, 4P	2P	1P, 1P+N	2P, 3P, 4P	1P, 1P+N	2P, 3P, 4P
Energy limiting class (B and C curve):				3	3	3	3	3	3 (≤16A) 1 (>16A)	3	3	3	3	3
Breaking capacity														
Alternating current:	**IEC/EN 60898-1**	**Icn**	**(A)**	4500			6000 [1]		6000	10000 [1]	4500		6000	
		Ics	**(A)**	1 Icn			1 Icn			0.75 Icn	1 Icn		1 Icn	
	IEC/EN 60947-2	**Icu**	**230/240 V (kA)**	4.5	6	6	6	10	10	15	6	6	6	6
			400/415 V (kA)	-	-	4.5	-	-	6	-	-	6	-	6
		Ics	**(kA)**	100% Icu			100% Icu	75% Icu	100% Icu	50% Icu	100% Icu		100% Icu	
Direct current:	**IEC/EN 60947-2**	**Icu (1 pole)**	**72 V (kA)**	6			10			-	-		-	
		Ics		6			10			-	-		-	
		Icu (2 poles in series) [2]	**125 V (kA)**	6			10			10 (15 a 72V)	-		-	
		Ics		6			10			10 (15 a 72V)	-		-	
		Icu (4 poles in series)	**250 V (kA)**	4.5			6			-	-		-	
		Ics		4.5			6			-	-		-	
Wiring:		**cable section (mm²)** [3]	**rigid**	≤ 1x16 - ≤ 1x10+1x6			≤ 1x16 - ≤ 1x10+1x6			≤ 1x16 - ≤ 1x10+1x6	≤ 1x25 - ≤ 2x10 ≤ 1x16+1x10		≤ 1x25 - ≤ 2x10 ≤ 1x16+1x10	
			flexible	≤ 1x10 - ≤ 2x6			≤ 1x10 - ≤ 2x6			≤ 1x10 - ≤ 2x6	≤ 1x35 - ≤ 2x16 ≤ 1x16+2x10		≤ 1x35 - ≤ 2x16 ≤ 1x16+2x10	
Screwdriver suggested:				PZ2			PZ2			PZ2	PZ2		PZ2	
Electrical endurance:				10000			10000			10000	8000		8000	
Mechanical endurance:				20000			20000			20000	20000		20000	
Max. no. of usable modular accessories:				2 [5]			2 [5]			2	-		-	
Upline/downline power supply:				yes			yes			yes	yes		yes	
ON/OFF status displayed:				yes			yes			yes	yes		yes	
Mounting position:				any			any			any	any		any	
Type of residual current device:				-			-			-	-		-	
Rated tightening torque:			**(Nm)**	1.2			1.2			1.2	2		2	
Degree of protection:		**terminals**		IP20			IP20			IP20	IP20		IP20	
		front		IP40			IP40			IP40	IP40		IP40	
Pollution degree:				2			2			2	2		2	
Tropicalization:				55°C - UR 95%			55°C - UR 95%			55°C - UR 95%	55°C - RH 95%		55°C - UR 95%	
Reference temperature:			**(°C)**	30			30			30	30		30	
Operating temperature:			**(°C)**	-25 +70 [6]			-25 +70 [6]			-25 +70 [6]	-25 +70 [6]		-25 +70 [6]	
Stocking temperature:			**(°C)**	-40 +70			-40 +70			-40 +70	-40 +70		-40 +70	
Double connection (cable+fork busbar):				no			no			no	yes (upstream and downstream)		yes (upstream and downstream)	
Weight:			**(g)**	135 (per module)			135 (per module)			135 (per module)	115 (per pole)		115 (per pole)	
Curve:				C			C		B	C	C	B	C	B
Rated currents available In:			**(A)**	-			-		-	-	-	-	-	-
				2			-		-	-	-	-	-	-
				-			-		-	-	-	-	-	-
				-			-		-	-	-	-	-	-
				6			6		6	6	6	6	6	6
				10			10		10	10	10	10	10	10
				13			13		13	13	13	13	13	13
				16			16		16	16	16	16	16	16
				20			20		20	20	20	20	20	20
				25			25		25	25	25	25	25	25
				32			32		32	32	32	32	32	32
				-			-		-	-	40	40	40	40
				-			-		-	-	50	50	50	50
				-			-		-	-	63	63	63	63
				-			-		-	-	-	-	-	-
				-			-		-	-	-	-	-	-
				-			-		-	-	-	-	-	-
Grid distance			**(mm)**	35			35			35	40		40	

[1] Breaking capacity of the single pole Icn1=4500A
[2] 1P+N version not allowed
[3] Minimum cable section is 1mm² for MTC and MT, 1.5mm² for MTHP
[4] ≤95mm² with reduced connection terminal (width flap connection < 17mm)
[5] 1P+N versions cannot be accessorised
[6] With temperatures greater than 30°C, derating of In rated current is expected

	MT																			MTHP		MTHP		
MT 60	**MT 100**							**MT 250**												**MTHP 160**		**MTHP 250**		
																								
	IEC EN 60898-1																			**IEC EN 60898-1**		**IEC EN 60947-2**		
1-63	1-25			32-63				6-20			25			32-40			50-63			50-125		20-63		
A	A			A				A			A			A			A			A		A		
230/400 - 240/415	230/400 - 240/415			230/400 - 240/415				230/400 - 240/415			230/400 - 240/415			230/400 - 240/415			230/400 - 240/415			230/400		230/400		
12 ac/dc	12 ac/dc			12 ac/dc				12 ac/dc			12 ac/dc			12 ac/dc			12 ac/dc			12 ac/dc		12 ac/dc		
440 ac/ 220 dc	440 ac/ 250 dc			440 ac/ 250 dc				440 ac/ 250 dc			440 ac/ 250 dc			440 ac/ 250 dc			440 ac/ 250 dc			440 ac/ 250 dc		440 ac/ 250 dc		
500	500			500				500			500			500			500			500		500		
50/60	50/60			50/60				50/60			50/60			50/60			50/60			50/60		50/60		
4	4			4				4			4			4			4			6		6		
III	III			III				III			III			III			III			IV		IV		
1P, 1P+N	2P, 3P, 4P	1P	2P	3P, 4P	1P	2P	3P, 4P	1P	2P	3P, 4P	1P	2P	3P, 4P	1P	2P	3P, 4P	1P	2P	3P, 4P	1P	2P, 3P, 4P	1P	2P	3P, 4P
3	3	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6000	10000			10000				25000			20000			15000			12500			10000		25000		
1 Icn	0.75 Icn			0.75 Icn				0.5 Icn			0.5 Icn			0.5 Icn			0.5 Icn			0.75 Icn		0.75 Icn		
10	15	30	25	12.5	25	20	25	50	40	20	40	30	15	30	25	15	25	20	16	20	25	50	30	
-	10	-	20	15	-	15	12.5	-	30	25	-	25	20	-	20	15	-	15	15	4.5	16	6	25	25
75% Icu	50% Icu			50% Icu				50% Icu			50% Icu			50% Icu			50% Icu			50% Icu		75% Icu		
10	10			10				20			20			20			20			10		25		
10	10			10				15			15			15			15			10		20		
10	15			15				25			25			25			25			15		30		
10	15			15				20			20			20			20			12		25		
10	15			15				25			25			25			25			15		25		
10	12			12				20			20			20			20			12		20		
≤ 1x35 - ≤ 2x16 ≤ 1x16+2x10	≤1x35 - ≤2x16 - ≤1x16+2x10			≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10				≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10			≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10			≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10			≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10			≤ 1x70 - ≤ 2x25 - ≤ 2x25+1x10		≤ 1x70 - ≤ 2x25 - ≤ 2x25+1x10		
≤ 1x35 - ≤ 2x16 ≤ 1x16+2x10	≤1x35 - ≤2x16 - ≤1x16+2x10			≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10				≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10			≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10			≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10			≤ 1x35 - ≤ 2x16 - ≤ 1x16+2x10			≤ 1x50 [4] - ≤ 2x25 - ≤ 3x16		≤ 1x50 [4] - ≤ 2x25 - ≤ 3x16		
PZ2	PZ2			PZ2				PZ2			PZ2			PZ2			PZ2			PZ2		PZ2		
10000	10000			10000				10000			10000			10000			10000			10000		10000		
20000	20000			20000				20000			20000			20000			20000			20000		20000		
2	2			2				2			2			2			2			2		2		
yes	yes			yes				yes			yes			yes			yes			yes		yes		
yes	yes			yes				yes			yes			yes			yes			yes		yes		
any	any			any				any			any			any			any			any		any		
Add-on RCD BD	Add-on RCD BD			Add-on RCD BD				Add-on RCD BD			Add-on RCD BD			Add-on RCD BD			Add-on RCD BD			Add-on RCD BDHP		Add-on RCD BDHP		
2	2			2				2			2			2			2			3.5 / 3 (terminal)		3.5 / 3 (terminal)		
IP20	IP20			IP20				IP20			IP20			IP20			IP20			IP20		IP20		
IP40	IP40			IP40				IP40			IP40			IP40			IP40			IP40		IP40		
2	2			2				2			2			2			2			2		2		
55°C - RH 95%	55°C - RH 95%			55°C - RH 95%				55°C - RH 95%			55°C - RH 95%			55°C - RH 95%			55°C - RH 95%			55°C - RH 95%		55°C - RH 95%		
30	30			30				30			30			30			30			30		30		
-25 +70 [6]	-25 +70 [6]			-25 +70 [6]				-25 +70 [6]			-25 +70 [6]			-25 +70 [6]			-25 +70 [6]			-25 +70 [6]		-25 +70 [6]		
-40 +70	-40 +70			-40 +70				-40 +70			-40 +70			-40 +70			-40 +70			-40 +70		-40 +70		
yes (only downstream terminals)	yes (only downstream terminals)			yes (only downstream terminals)				yes (only downstream terminals)			yes (only downstream terminals)			yes (only downstream terminals)			yes (only downstream terminals)			no		no		
145 (per pole)	145 (per pole)			145 (per pole)				145 (per pole)			145 (per pole)			145 (per pole)			145 (per pole)			250 (per pole)		250 (per pole)		
C	B		D	C		B	D	C												C	D	C		
1	-		-	-		-	1	-												-	-	-		
2	-		-	-		-	2	-												-	-	-		
3	-		-	-		-	3	-												-	-	-		
4	-		-	-		-	4	-												-	-	-		
6	6		6	6		6	6	6												-	-	-		
10	10		10	10		10	10	10												-	-	-		
13	13		13	13		13	13	-												-	-	-		
16	16		16	16		16	16	16												-	-	-		
20	20		20	20		20	20	20												-	-	20		
25	25		25	25		25	25	25												-	-	25		
32	32		32	32		32	32	32												-	-	32		
40	40		40	40		40	40	40												-	-	40		
50	50		-	50		50	-	50												-	50	50		
63	63		-	63		63	-	63												-	63	63		
-	-		-	-		-	-	-												80	80	-		
-	-		-	-		-	-	-												100	100	-		
-	-		-	-		-	-	-												125	-	-		
70	70			70				70												70				

90 MCB

Modular circuit breakers for circuit protection



The 90 MCB range meets any requirement for protection against overcurrent and shortcircuit, for all residential, commercial and industrial applications. The range comprises MTC, compact miniature circuit breakers (from 2 to 32 A, curves B, C and D up to 10 kA) MT traditional miniature circuit breakers (from 1 to 63 A, curves B, C and D up to 25 kA) MTHP High Performance miniature circuit breakers (from 20 to 125 A, curves C and D up to 25 kA).

MTC - COMPACT MINIATURE CIRCUIT BREAKERS

MTC 45 - C curve - 4500 A (EN 60898) - 4.5 kA (EN 60947-2)





GW 90 046

Compact miniature circuit breakers

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P					
GW 90 005	6 A	230-400 V	Yes	1	6/24
GW 90 006	10 A	230-400 V	Yes	1	6/24
GW 90 011	13 A	230-400 V	Yes	1	6/24
GW 90 007	16 A	230-400 V	Yes	1	6/24
GW 90 008	20 A	230-400 V	Yes	1	6/24
GW 90 009	25 A	230-400 V	Yes	1	6/24
GW 90 010	32 A	230-400 V	Yes	1	6/24
No. of poles: 1P+N					
GW 90 022	2 A	230 V	No	1	6/24
GW 90 025	6 A	230 V	No	1	6/24
GW 90 026	10 A	230 V	No	1	6/24
GW 90 031	13 A	230 V	No	1	6/24
GW 90 027	16 A	230 V	No	1	6/24
GW 90 028	20 A	230 V	No	1	6/24
GW 90 029	25 A	230 V	No	1	6/24
GW 90 030	32 A	230 V	No	1	6/24
No. of poles: 1P+N (N-conductor left)					
GW 90 602	2 A	230 V	No	1	6/24
GW 90 605	6 A	230 V	No	1	6/24
GW 90 606	10 A	230 V	No	1	6/24
GW 90 607	16 A	230 V	No	1	6/24
GW 90 608	20 A	230 V	No	1	6/24
GW 90 609	25 A	230 V	No	1	6/24
GW 90 610	32 A	230 V	No	1	6/24
No. of poles: 2P					
GW 90 045	6 A	230 V	Yes	1	6/24
GW 90 046	10 A	230 V	Yes	1	6/24
GW 90 051	13 A	230 V	Yes	1	6/24
GW 90 047	16 A	230 V	Yes	1	6/24
GW 90 048	20 A	230 V	Yes	1	6/24
GW 90 049	25 A	230 V	Yes	1	6/24
GW 90 050	32 A	230 V	Yes	1	6/24
No. of poles: 3P					
GW 90 065	6 A	230-400 V	Yes	2	3/12
GW 90 066	10 A	230-400 V	Yes	2	3/12
GW 90 071	13 A	230-400 V	Yes	2	3/12
GW 90 067	16 A	230-400 V	Yes	2	3/12
GW 90 068	20 A	230-400 V	Yes	2	3/12
GW 90 069	25 A	230-400 V	Yes	2	3/12
GW 90 070	32 A	230-400 V	Yes	2	3/12
No. of poles: 4P					
GW 90 085	6 A	230-400 V	Yes	2	3/12
GW 90 086	10 A	230-400 V	Yes	2	3/12
GW 90 091	13 A	230-400 V	Yes	2	3/12
GW 90 087	16 A	230-400 V	Yes	2	3/12
GW 90 088	20 A	230-400 V	Yes	2	3/12
GW 90 089	25 A	230-400 V	Yes	2	3/12
GW 90 090	32 A	230-400 V	Yes	2	3/12

MTC 45 - D curve - 4500 A (EN 60898) - 4.5 kA (EN 60947-2)





GW 90 626

Compact miniature circuit breakers

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P+N (N-conductor left)					
GW 90 626	10 A	230 V	No	1	6/24
GW 90 627	16 A	230 V	No	1	6/24
GW 90 628	20 A	230 V	No	1	6/24
GW 90 629	25 A	230 V	No	1	6/24
GW 90 630	32 A	230 V	No	1	6/24

MTC 60 - C curve - 6000 A (EN 60898) - 6 kA (EN 60947-2)









GW 90 290

Compact miniature circuit breakers

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P+N					
GW 90 225	6 A	230 V	No	1	6/24
GW 90 226	10 A	230 V	No	1	6/24
GW 90 231	13 A	230 V	No	1	6/24
GW 90 227	16 A	230 V	No	1	6/24
GW 90 228	20 A	230 V	No	1	6/24
GW 90 229	25 A	230 V	No	1	6/24
GW 90 230	32 A	230 V	No	1	6/24
No. of poles: 2P					
GW 90 245	6 A	230 V	Yes	1	6/24
GW 90 246	10 A	230 V	Yes	1	6/24
GW 90 251	13 A	230 V	Yes	1	6/24
GW 90 247	16 A	230 V	Yes	1	6/24
GW 90 248	20 A	230 V	Yes	1	6/24
GW 90 249	25 A	230 V	Yes	1	6/24
GW 90 250	32 A	230 V	Yes	1	6/24
No. of poles: 3P					
GW 90 265	6 A	230-400 V	Yes	2	3/12
GW 90 266	10 A	230-400 V	Yes	2	3/12
GW 90 271	13 A	230-400 V	Yes	2	3/12
GW 90 267	16 A	230-400 V	Yes	2	3/12
GW 90 268	20 A	230-400 V	Yes	2	3/12
GW 90 269	25 A	230-400 V	Yes	2	3/12
GW 90 270	32 A	230-400 V	Yes	2	3/12
No. of poles: 4P					
GW 90 285	6 A	230-400 V	Yes	2	3/12
GW 90 286	10 A	230-400 V	Yes	2	3/12
GW 90 291	13 A	230-400 V	Yes	2	3/12
GW 90 287	16 A	230-400 V	Yes	2	3/12
GW 90 288	20 A	230-400 V	Yes	2	3/12
GW 90 289	25 A	230-400 V	Yes	2	3/12
GW 90 290	32 A	230-400 V	Yes	2	3/12

MTC 60 - B curve - 6000 A (EN 60898) - 10 kA (EN 60947-2)





GW 90 326

Compact miniature circuit breakers

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P+N					
GW 90 325	6 A	230 V	No	1	6/24
GW 90 326	10 A	230 V	No	1	6/24
GW 90 327	13 A	230 V	No	1	6/24
GW 90 328	16 A	230 V	No	1	6/24
GW 90 329	20 A	230 V	No	1	6/24
GW 90 330	25 A	230 V	No	1	6/24
GW 90 331	32 A	230 V	No	1	6/24
No. of poles: 2P					
GW 90 345	6 A	230 V	Yes	1	6/24
GW 90 346	10 A	230 V	Yes	1	6/24
GW 90 347	13 A	230 V	Yes	1	6/24
GW 90 348	16 A	230 V	Yes	1	6/24
GW 90 349	20 A	230 V	Yes	1	6/24
GW 90 350	25 A	230 V	Yes	1	6/24
GW 90 351	32 A	230 V	Yes	1	6/24

MTC 100 - C curve - 10000 A (EN 60898) - 15 kA (EN 60947-2)





GW 90 446

Compact miniature circuit breakers

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 2P					
GW 90 445	6 A	230 V	Yes	1	6/24
GW 90 446	10 A	230 V	Yes	1	6/24
GW 90 451	13 A	230 V	Yes	1	6/24
GW 90 447	16 A	230 V	Yes	1	6/24
GW 90 448	20 A	230 V	Yes	1	6/24
GW 90 449	25 A	230 V	Yes	1	6/24
GW 90 450	32 A	230 V	Yes	1	6/24

MT - MINIATURE CIRCUIT BREAKERS (ACCESSORIES NOT AVAILABLE)

MT 4 - C curve - 4500 A (EN 60898) - 6 kA (EN 60947-2)





GW D2 128

Miniature circuit breakers

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P					
GW D2 105	6 A	230-400 V	No	1	6/24
GW D2 106	10 A	230-400 V	No	1	6/24
GW D2 107	13 A	230-400 V	No	1	6/24
GW D2 108	16 A	230-400 V	No	1	6/24
GW D2 109	20 A	230-400 V	No	1	6/24
GW D2 110	25 A	230-400 V	No	1	6/24
GW D2 111	32 A	230-400 V	No	1	6/24
GW D2 112	40 A	230-400 V	No	1	6/24
GW D2 113	50 A	230-400 V	No	1	6/24
GW D2 114	63 A	230-400 V	No	1	6/24
No. of poles: 1P+N					
GW D2 125	6 A	230 V	No	2	3/12
GW D2 126	10 A	230 V	No	2	3/12
GW D2 127	13 A	230 V	No	2	3/12
GW D2 128	16 A	230 V	No	2	3/12
GW D2 129	20 A	230 V	No	2	3/12
GW D2 130	25 A	230 V	No	2	3/12
GW D2 131	32 A	230 V	No	2	3/12
GW D2 132	40 A	230 V	No	2	3/12
GW D2 133	50 A	230 V	No	2	3/12
GW D2 134	63 A	230 V	No	2	3/12
No. of poles: 2P					
GW D2 145	6 A	230-400 V	No	2	3/12
GW D2 146	10 A	230-400 V	No	2	3/12
GW D2 147	13 A	230-400 V	No	2	3/12
GW D2 148	16 A	230-400 V	No	2	3/12
GW D2 149	20 A	230-400 V	No	2	3/12
GW D2 150	25 A	230-400 V	No	2	3/12
GW D2 151	32 A	230-400 V	No	2	3/12
GW D2 152	40 A	230-400 V	No	2	3/12
GW D2 153	50 A	230-400 V	No	2	3/12
GW D2 154	63 A	230-400 V	No	2	3/12
No. of poles: 3P					
GW D2 165	6 A	230-400 V	No	3	2/8
GW D2 166	10 A	230-400 V	No	3	2/8
GW D2 167	13 A	230-400 V	No	3	2/8
GW D2 168	16 A	230-400 V	No	3	2/8
GW D2 169	20 A	230-400 V	No	3	2/8
GW D2 170	25 A	230-400 V	No	3	2/8
GW D2 171	32 A	230-400 V	No	3	2/8
GW D2 172	40 A	230-400 V	No	3	2/8
GW D2 173	50 A	230-400 V	No	3	2/8
GW D2 174	63 A	230-400 V	No	3	2/8
No. of poles: 4P					
GW D2 185	6 A	230-400 V	No	4	1/3
GW D2 186	10 A	230-400 V	No	4	1/3
GW D2 187	13 A	230-400 V	No	4	1/3
GW D2 188	16 A	230-400 V	No	4	1/3
GW D2 189	20 A	230-400 V	No	4	1/3
GW D2 190	25 A	230-400 V	No	4	1/3
GW D2 191	32 A	230-400 V	No	4	1/3
GW D2 192	40 A	230-400 V	No	4	1/3
GW D2 193	50 A	230-400 V	No	4	1/3
GW D2 194	63 A	230-400 V	No	4	1/3

MT 4 - B Curve - 4500 A (EN 60898) - 6 kA (EN 60947-2)





GW D2 308

Miniature circuit breakers

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P					
GW D2 305	6 A	230-400 V	No	1	6/24
GW D2 306	10 A	230-400 V	No	1	6/24
GW D2 307	13 A	230-400 V	No	1	6/24
GW D2 308	16 A	230-400 V	No	1	6/24
GW D2 309	20 A	230-400 V	No	1	6/24
GW D2 310	25 A	230-400 V	No	1	6/24
GW D2 311	32 A	230-400 V	No	1	6/24
GW D2 312	40 A	230-400 V	No	1	6/24
GW D2 313	50 A	230-400 V	No	1	6/24
GW D2 314	63 A	230-400 V	No	1	6/24
No. of poles: 1P+N					
GW D2 325	6 A	230 V	No	2	3/12
GW D2 326	10 A	230 V	No	2	3/12
GW D2 327	13 A	230 V	No	2	3/12
GW D2 328	16 A	230 V	No	2	3/12
GW D2 329	20 A	230 V	No	2	3/12
GW D2 330	25 A	230 V	No	2	3/12
GW D2 331	32 A	230 V	No	2	3/12
GW D2 332	40 A	230 V	No	2	3/12
GW D2 333	50 A	230 V	No	2	3/12
GW D2 334	63 A	230 V	No	2	3/12
No. of poles: 2P					
GW D2 345	6 A	230-400 V	No	2	3/12
GW D2 346	10 A	230-400 V	No	2	3/12
GW D2 347	13 A	230-400 V	No	2	3/12
GW D2 348	16 A	230-400 V	No	2	3/12
GW D2 349	20 A	230-400 V	No	2	3/12
GW D2 350	25 A	230-400 V	No	2	3/12
GW D2 351	32 A	230-400 V	No	2	3/12
GW D2 352	40 A	230-400 V	No	2	3/12
GW D2 353	50 A	230-400 V	No	2	3/12
GW D2 354	63 A	230-400 V	No	2	3/12
No. of poles: 3P					
GW D2 365	6 A	230-400 V	No	3	2/8
GW D2 366	10 A	230-400 V	No	3	2/8
GW D2 367	13 A	230-400 V	No	3	2/8
GW D2 368	16 A	230-400 V	No	3	2/8
GW D2 369	20 A	230-400 V	No	3	2/8
GW D2 370	25 A	230-400 V	No	3	2/8
GW D2 371	32 A	230-400 V	No	3	2/8
GW D2 372	40 A	230-400 V	No	3	2/8
GW D2 373	50 A	230-400 V	No	3	2/8
GW D2 374	63 A	230-400 V	No	3	2/8
No. of poles: 4P					
GW D2 385	6 A	230-400 V	No	4	1/3
GW D2 386	10 A	230-400 V	No	4	1/3
GW D2 387	13 A	230-400 V	No	4	1/3
GW D2 388	16 A	230-400 V	No	4	1/3
GW D2 389	20 A	230-400 V	No	4	1/3
GW D2 390	25 A	230-400 V	No	4	1/3
GW D2 391	32 A	230-400 V	No	4	1/3
GW D2 392	40 A	230-400 V	No	4	1/3
GW D2 393	50 A	230-400 V	No	4	1/3
GW D2 394	63 A	230-400 V	No	4	1/3

MT 6 - C Curve - 6000 A (EN 60898) - 6 kA (EN 60947-2)





GW D2 087

Miniature circuit breakers

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P					
GW D2 005	6 A	230-400 V	No	1	6/24
GW D2 006	10 A	230-400 V	No	1	6/24
GW D2 014	13 A	230-400 V	No	1	6/24
GW D2 007	16 A	230-400 V	No	1	6/24
GW D2 008	20 A	230-400 V	No	1	6/24
GW D2 009	25 A	230-400 V	No	1	6/24
GW D2 010	32 A	230-400 V	No	1	6/24
GW D2 011	40 A	230-400 V	No	1	6/24
GW D2 012	50 A	230-400 V	No	1	6/24
GW D2 013	63 A	230-400 V	No	1	6/24
No. of poles: 1P+N					
GW D2 025	6 A	230 V	No	2	3/12
GW D2 026	10 A	230 V	No	2	3/12
GW D2 034	13 A	230 V	No	2	3/12
GW D2 027	16 A	230 V	No	2	3/12
GW D2 028	20 A	230 V	No	2	3/12
GW D2 029	25 A	230 V	No	2	3/12
GW D2 030	32 A	230 V	No	2	3/12
GW D2 031	40 A	230 V	No	2	3/12
GW D2 032	50 A	230 V	No	2	3/12
GW D2 033	63 A	230 V	No	2	3/12
No. of poles: 2P					
GW D2 045	6 A	230-400 V	No	2	3/12
GW D2 046	10 A	230-400 V	No	2	3/12
GW D2 054	13 A	230-400 V	No	2	3/12
GW D2 047	16 A	230-400 V	No	2	3/12
GW D2 048	20 A	230-400 V	No	2	3/12
GW D2 049	25 A	230-400 V	No	2	3/12
GW D2 050	32 A	230-400 V	No	2	3/12
GW D2 051	40 A	230-400 V	No	2	3/12
GW D2 052	50 A	230-400 V	No	2	3/12
GW D2 053	63 A	230-400 V	No	2	3/12
No. of poles: 3P					
GW D2 065	6 A	230-400 V	No	3	2/8
GW D2 066	10 A	230-400 V	No	3	2/8
GW D2 074	13 A	230-400 V	No	3	2/8
GW D2 067	16 A	230-400 V	No	3	2/8
GW D2 068	20 A	230-400 V	No	3	2/8
GW D2 069	25 A	230-400 V	No	3	2/8
GW D2 070	32 A	230-400 V	No	3	2/8
GW D2 071	40 A	230-400 V	No	3	2/8
GW D2 072	50 A	230-400 V	No	3	2/8
GW D2 073	63 A	230-400 V	No	3	2/8
No. of poles: 4P					
GW D2 085	6 A	230-400 V	No	4	1/3
GW D2 086	10 A	230-400 V	No	4	1/3
GW D2 094	13 A	230-400 V	No	4	1/3
GW D2 087	16 A	230-400 V	No	4	1/3
GW D2 088	20 A	230-400 V	No	4	1/3
GW D2 089	25 A	230-400 V	No	4	1/3
GW D2 090	32 A	230-400 V	No	4	1/3
GW D2 091	40 A	230-400 V	No	4	1/3
GW D2 092	50 A	230-400 V	No	4	1/3
GW D2 093	63 A	230-400 V	No	4	1/3

MT 6 - B Curve - 6000 A (EN 60898) - 6 kA (EN 60947-2)





GW D2 267

Miniature circuit breakers

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P					
GW D2 205	6 A	230-400 V	No	1	6/24
GW D2 206	10 A	230-400 V	No	1	6/24
GW D2 214	13 A	230-400 V	No	1	6/24
GW D2 207	16 A	230-400 V	No	1	6/24
GW D2 208	20 A	230-400 V	No	1	6/24
GW D2 209	25 A	230-400 V	No	1	6/24
GW D2 210	32 A	230-400 V	No	1	6/24
GW D2 211	40 A	230-400 V	No	1	6/24
GW D2 212	50 A	230-400 V	No	1	6/24
GW D2 213	63 A	230-400 V	No	1	6/24
No. of poles: 1P+N					
GW D2 225	6 A	230 V	No	2	3/12
GW D2 226	10 A	230 V	No	2	3/12
GW D2 234	13 A	230 V	No	2	3/12
GW D2 227	16 A	230 V	No	2	3/12
GW D2 228	20 A	230 V	No	2	3/12
GW D2 229	25 A	230 V	No	2	3/12
GW D2 230	32 A	230 V	No	2	3/12
GW D2 231	40 A	230 V	No	2	3/12
GW D2 232	50 A	230 V	No	2	3/12
GW D2 233	63 A	230 V	No	2	3/12
No. of poles: 2P					
GW D2 245	6 A	230-400 V	No	2	3/12
GW D2 246	10 A	230-400 V	No	2	3/12
GW D2 254	13 A	230-400 V	No	2	3/12
GW D2 247	16 A	230-400 V	No	2	3/12
GW D2 248	20 A	230-400 V	No	2	3/12
GW D2 249	25 A	230-400 V	No	2	3/12
GW D2 250	32 A	230-400 V	No	2	3/12
GW D2 251	40 A	230-400 V	No	2	3/12
GW D2 252	50 A	230-400 V	No	2	3/12
GW D2 253	63 A	230-400 V	No	2	3/12
No. of poles: 3P					
GW D2 265	6 A	230-400 V	No	3	2/8
GW D2 266	10 A	230-400 V	No	3	2/8
GW D2 274	13 A	230-400 V	No	3	2/8
GW D2 267	16 A	230-400 V	No	3	2/8
GW D2 268	20 A	230-400 V	No	3	2/8
GW D2 269	25 A	230-400 V	No	3	2/8
GW D2 270	32 A	230-400 V	No	3	2/8
GW D2 271	40 A	230-400 V	No	3	2/8
GW D2 272	50 A	230-400 V	No	3	2/8
GW D2 273	63 A	230-400 V	No	3	2/8
No. of poles: 4P					
GW D2 285	6 A	230-400 V	No	4	1/3
GW D2 286	10 A	230-400 V	No	4	1/3
GW D2 294	13 A	230-400 V	No	4	1/3
GW D2 287	16 A	230-400 V	No	4	1/3
GW D2 288	20 A	230-400 V	No	4	1/3
GW D2 289	25 A	230-400 V	No	4	1/3
GW D2 290	32 A	230-400 V	No	4	1/3
GW D2 291	40 A	230-400 V	No	4	1/3
GW D2 292	50 A	230-400 V	No	4	1/3
GW D2 293	63 A	230-400 V	No	4	1/3

MT - MINIATURE CIRCUIT BREAKERS

MT 60 - C curve - 6000 A (EN 60898) - 10 kA (EN 60947-2)





GW 92 048

Miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 001	1 A	230-400 V	1	6/24
GW 92 002	2 A	230-400 V	1	6/24
GW 92 003	3 A	230-400 V	1	6/24
GW 92 004	4 A	230-400 V	1	6/24
GW 92 005	6 A	230-400 V	1	6/24
GW 92 006	10 A	230-400 V	1	6/24
GW 92 014	13 A	230-400 V	1	6/24
GW 92 007	16 A	230-400 V	1	6/24
GW 92 008	20 A	230-400 V	1	6/24
GW 92 009	25 A	230-400 V	1	6/24
GW 92 010	32 A	230-400 V	1	6/24
GW 92 011	40 A	230-400 V	1	6/24
GW 92 012	50 A	230-400 V	1	6/24
GW 92 013	63 A	230-400 V	1	6/24
No. of poles: 1P+N				
GW 92 021	1 A	230 V	2	3/12
GW 92 022	2 A	230 V	2	3/12
GW 92 023	3 A	230 V	2	3/12
GW 92 024	4 A	230 V	2	3/12
GW 92 025	6 A	230 V	2	3/12
GW 92 026	10 A	230 V	2	3/12
GW 92 034	13 A	230 V	2	3/12
GW 92 027	16 A	230 V	2	3/12
GW 92 028	20 A	230 V	2	3/12
GW 92 029	25 A	230 V	2	3/12
GW 92 030	32 A	230 V	2	3/12
GW 92 031	40 A	230 V	2	3/12
GW 92 032	50 A	230 V	2	3/12
GW 92 033	63 A	230 V	2	3/12
No. of poles: 2P				
GW 92 041	1 A	230-400 V	2	3/12
GW 92 042	2 A	230-400 V	2	3/12
GW 92 043	3 A	230-400 V	2	3/12
GW 92 044	4 A	230-400 V	2	3/12
GW 92 045	6 A	230-400 V	2	3/12
GW 92 046	10 A	230-400 V	2	3/12
GW 92 054	13 A	230-400 V	2	3/12
GW 92 047	16 A	230-400 V	2	3/12
GW 92 048	20 A	230-400 V	2	3/12
GW 92 049	25 A	230-400 V	2	3/12
GW 92 050	32 A	230-400 V	2	3/12
GW 92 051	40 A	230-400 V	2	3/12
GW 92 052	50 A	230-400 V	2	3/12
GW 92 053	63 A	230-400 V	2	3/12
No. of poles: 3P				
GW 92 061	1 A	230-400 V	3	2/8
GW 92 062	2 A	230-400 V	3	2/8
GW 92 063	3 A	230-400 V	3	2/8
GW 92 064	4 A	230-400 V	3	2/8
GW 92 065	6 A	230-400 V	3	2/8
GW 92 066	10 A	230-400 V	3	2/8
GW 92 074	13 A	230-400 V	3	2/8
GW 92 067	16 A	230-400 V	3	2/8
GW 92 068	20 A	230-400 V	3	2/8
GW 92 069	25 A	230-400 V	3	2/8
GW 92 070	32 A	230-400 V	3	2/8
GW 92 071	40 A	230-400 V	3	2/8
GW 92 072	50 A	230-400 V	3	2/8
GW 92 073	63 A	230-400 V	3	2/8
No. of poles: 4P				
GW 92 081	1 A	230-400 V	4	1/3
GW 92 082	2 A	230-400 V	4	1/3
GW 92 083	3 A	230-400 V	4	1/3
GW 92 084	4 A	230-400 V	4	1/3
GW 92 085	6 A	230-400 V	4	1/3
GW 92 086	10 A	230-400 V	4	1/3
GW 92 094	13 A	230-400 V	4	1/3
GW 92 087	16 A	230-400 V	4	1/3
GW 92 088	20 A	230-400 V	4	1/3
GW 92 089	25 A	230-400 V	4	1/3
GW 92 090	32 A	230-400 V	4	1/3
GW 92 091	40 A	230-400 V	4	1/3
GW 92 092	50 A	230-400 V	4	1/3
GW 92 093	63 A	230-400 V	4	1/3

MT 60 - B curve - 6000 A (EN 60898) - 10 kA (EN 60947-2)





GW 92 292

Miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 205	6 A	230-400 V	1	6/24
GW 92 206	10 A	230-400 V	1	6/24
GW 92 214	13 A	230-400 V	1	6/24
GW 92 207	16 A	230-400 V	1	6/24
GW 92 208	20 A	230-400 V	1	6/24
GW 92 209	25 A	230-400 V	1	6/24
GW 92 210	32 A	230-400 V	1	6/24
GW 92 211	40 A	230-400 V	1	6/24
GW 92 212	50 A	230-400 V	1	6/24
GW 92 213	63 A	230-400 V	1	6/24
No. of poles: 2P				
GW 92 245	6 A	230-400 V	2	3/12
GW 92 246	10 A	230-400 V	2	3/12
GW 92 254	13 A	230-400 V	2	3/12
GW 92 247	16 A	230-400 V	2	3/12
GW 92 248	20 A	230-400 V	2	3/12
GW 92 249	25 A	230-400 V	2	3/12
GW 92 250	32 A	230-400 V	2	3/12
GW 92 251	40 A	230-400 V	2	3/12
GW 92 252	50 A	230-400 V	2	3/12
GW 92 253	63 A	230-400 V	2	3/12
No. of poles: 3P				
GW 92 265	6 A	230-400 V	3	2/8
GW 92 266	10 A	230-400 V	3	2/8
GW 92 274	13 A	230-400 V	3	2/8
GW 92 267	16 A	230-400 V	3	2/8
GW 92 268	20 A	230-400 V	3	2/8
GW 92 269	25 A	230-400 V	3	2/8
GW 92 270	32 A	230-400 V	3	2/8
GW 92 271	40 A	230-400 V	3	2/8
GW 92 272	50 A	230-400 V	3	2/8
GW 92 273	63 A	230-400 V	3	2/8
No. of poles: 4P				
GW 92 285	6 A	230-400 V	4	1/3
GW 92 286	10 A	230-400 V	4	1/3
GW 92 294	13 A	230-400 V	4	1/3
GW 92 287	16 A	230-400 V	4	1/3
GW 92 288	20 A	230-400 V	4	1/3
GW 92 289	25 A	230-400 V	4	1/3
GW 92 290	32 A	230-400 V	4	1/3
GW 92 291	40 A	230-400 V	4	1/3
GW 92 292	50 A	230-400 V	4	1/3
GW 92 293	63 A	230-400 V	4	1/3

MT 60 - D curve - 6000 A (EN 60898) - 10 kA (EN 60947-2)



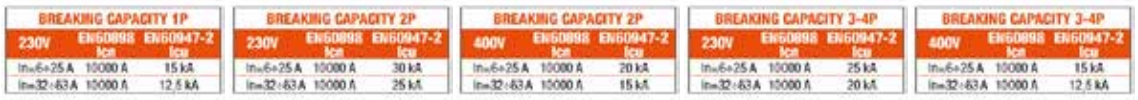


GW 92 470

Miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 405	6 A	230-400 V	1	6/24
GW 92 406	10 A	230-400 V	1	6/24
GW 92 414	13 A	230-400 V	1	6/24
GW 92 407	16 A	230-400 V	1	6/24
GW 92 408	20 A	230-400 V	1	6/24
GW 92 409	25 A	230-400 V	1	6/24
GW 92 410	32 A	230-400 V	1	6/24
GW 92 411	40 A	230-400 V	1	6/24
No. of poles: 2P				
GW 92 445	6 A	230-400 V	2	3/12
GW 92 446	10 A	230-400 V	2	3/12
GW 92 454	13 A	230-400 V	2	3/12
GW 92 447	16 A	230-400 V	2	3/12
GW 92 448	20 A	230-400 V	2	3/12
GW 92 449	25 A	230-400 V	2	3/12
GW 92 450	32 A	230-400 V	2	3/12
GW 92 451	40 A	230-400 V	2	3/12
No. of poles: 3P				
GW 92 465	6 A	230-400 V	3	2/8
GW 92 466	10 A	230-400 V	3	2/8
GW 92 474	13 A	230-400 V	3	2/8
GW 92 467	16 A	230-400 V	3	2/8
GW 92 468	20 A	230-400 V	3	2/8
GW 92 469	25 A	230-400 V	3	2/8
GW 92 470	32 A	230-400 V	3	2/8
GW 92 471	40 A	230-400 V	3	2/8
No. of poles: 4P				
GW 92 485	6 A	230-400 V	4	1/3
GW 92 486	10 A	230-400 V	4	1/3
GW 92 494	13 A	230-400 V	4	1/3
GW 92 487	16 A	230-400 V	4	1/3
GW 92 488	20 A	230-400 V	4	1/3
GW 92 489	25 A	230-400 V	4	1/3
GW 92 490	32 A	230-400 V	4	1/3
GW 92 491	40 A	230-400 V	4	1/3

MT 100 - C curve - 10000 A (EN 60898) - Up to 15 kA (EN 60947-2)



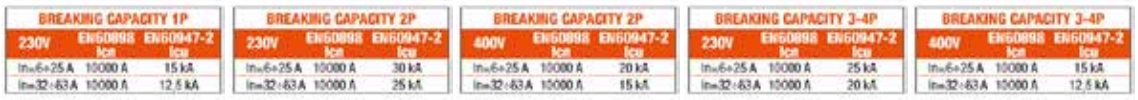


GW 92 692

Miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 605	6 A	230-400 V	1	6/24
GW 92 606	10 A	230-400 V	1	6/24
GW 92 614	13 A	230-400 V	1	6/24
GW 92 607	16 A	230-400 V	1	6/24
GW 92 608	20 A	230-400 V	1	6/24
GW 92 609	25 A	230-400 V	1	6/24
GW 92 610	32 A	230-400 V	1	6/24
GW 92 611	40 A	230-400 V	1	6/24
GW 92 612	50 A	230-400 V	1	6/24
GW 92 613	63 A	230-400 V	1	6/24
No. of poles: 2P				
GW 92 645	6 A	230-400 V	2	3/12
GW 92 646	10 A	230-400 V	2	3/12
GW 92 654	13 A	230-400 V	2	3/12
GW 92 647	16 A	230-400 V	2	3/12
GW 92 648	20 A	230-400 V	2	3/12
GW 92 649	25 A	230-400 V	2	3/12
GW 92 650	32 A	230-400 V	2	3/12
GW 92 651	40 A	230-400 V	2	3/12
GW 92 652	50 A	230-400 V	2	3/12
GW 92 653	63 A	230-400 V	2	3/12
No. of poles: 3P				
GW 92 665	6 A	230-400 V	3	2/8
GW 92 666	10 A	230-400 V	3	2/8
GW 92 674	13 A	230-400 V	3	2/8
GW 92 667	16 A	230-400 V	3	2/8
GW 92 668	20 A	230-400 V	3	2/8
GW 92 669	25 A	230-400 V	3	2/8
GW 92 670	32 A	230-400 V	3	2/8
GW 92 671	40 A	230-400 V	3	2/8
GW 92 672	50 A	230-400 V	3	2/8
GW 92 673	63 A	230-400 V	3	2/8
No. of poles: 4P				
GW 92 685	6 A	230-400 V	4	1/3
GW 92 686	10 A	230-400 V	4	1/3
GW 92 694	13 A	230-400 V	4	1/3
GW 92 687	16 A	230-400 V	4	1/3
GW 92 688	20 A	230-400 V	4	1/3
GW 92 689	25 A	230-400 V	4	1/3
GW 92 690	32 A	230-400 V	4	1/3
GW 92 691	40 A	230-400 V	4	1/3
GW 92 692	50 A	230-400 V	4	1/3
GW 92 693	63 A	230-400 V	4	1/3

MT 100 - B curve - 10000 A (EN 60898) - Up to 15 kA (EN 60947-2)



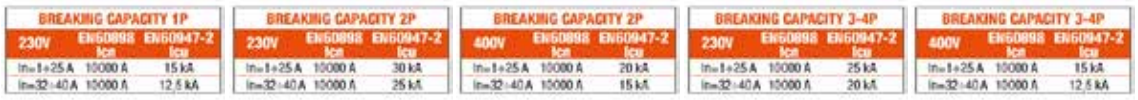


GW 92 549

Miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 505	6 A	230-400 V	1	6/24
GW 92 506	10 A	230-400 V	1	6/24
GW 92 507	13 A	230-400 V	1	6/24
GW 92 508	16 A	230-400 V	1	6/24
GW 92 509	20 A	230-400 V	1	6/24
GW 92 510	25 A	230-400 V	1	6/24
GW 92 511	32 A	230-400 V	1	6/24
GW 92 512	40 A	230-400 V	1	6/24
GW 92 513	50 A	230-400 V	1	6/24
GW 92 514	63 A	230-400 V	1	6/24
No. of poles: 2P				
GW 92 545	6 A	230-400 V	2	3/12
GW 92 546	10 A	230-400 V	2	3/12
GW 92 547	13 A	230-400 V	2	3/12
GW 92 548	16 A	230-400 V	2	3/12
GW 92 549	20 A	230-400 V	2	3/12
GW 92 550	25 A	230-400 V	2	3/12
GW 92 551	32 A	230-400 V	2	3/12
GW 92 552	40 A	230-400 V	2	3/12
GW 92 553	50 A	230-400 V	2	3/12
GW 92 554	63 A	230-400 V	2	3/12
No. of poles: 3P				
GW 92 565	6 A	230-400 V	3	2/8
GW 92 566	10 A	230-400 V	3	2/8
GW 92 567	13 A	230-400 V	3	2/8
GW 92 568	16 A	230-400 V	3	2/8
GW 92 569	20 A	230-400 V	3	2/8
GW 92 570	25 A	230-400 V	3	2/8
GW 92 571	32 A	230-400 V	3	2/8
GW 92 572	40 A	230-400 V	3	2/8
GW 92 573	50 A	230-400 V	3	2/8
GW 92 574	63 A	230-400 V	3	2/8
No. of poles: 4P				
GW 92 585	6 A	230-400 V	4	1/3
GW 92 586	10 A	230-400 V	4	1/3
GW 92 587	13 A	230-400 V	4	1/3
GW 92 588	16 A	230-400 V	4	1/3
GW 92 589	20 A	230-400 V	4	1/3
GW 92 590	25 A	230-400 V	4	1/3
GW 92 591	32 A	230-400 V	4	1/3
GW 92 592	40 A	230-400 V	4	1/3
GW 92 593	50 A	230-400 V	4	1/3
GW 92 594	63 A	230-400 V	4	1/3

MT 100 - D curve - 10000 A (EN 60898) - Up to 15 kA (EN 60947-2)





GW 92 770

Miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 701	1 A	230-400 V	1	6/24
GW 92 702	2 A	230-400 V	1	6/24
GW 92 703	3 A	230-400 V	1	6/24
GW 92 704	4 A	230-400 V	1	6/24
GW 92 705	6 A	230-400 V	1	6/24
GW 92 706	10 A	230-400 V	1	6/24
GW 92 714	13 A	230-400 V	1	6/24
GW 92 707	16 A	230-400 V	1	6/24
GW 92 708	20 A	230-400 V	1	6/24
GW 92 709	25 A	230-400 V	1	6/24
GW 92 710	32 A	230-400 V	1	6/24
GW 92 711	40 A	230-400 V	1	6/24
No. of poles: 2P				
GW 92 741	1 A	230-400 V	2	3/12
GW 92 742	2 A	230-400 V	2	3/12
GW 92 743	3 A	230-400 V	2	3/12
GW 92 744	4 A	230-400 V	2	3/12
GW 92 745	6 A	230-400 V	2	3/12
GW 92 746	10 A	230-400 V	2	3/12
GW 92 754	13 A	230-400 V	2	3/12
GW 92 747	16 A	230-400 V	2	3/12
GW 92 748	20 A	230-400 V	2	3/12
GW 92 749	25 A	230-400 V	2	3/12
GW 92 750	32 A	230-400 V	2	3/12
GW 92 751	40 A	230-400 V	2	3/12
No. of poles: 3P				
GW 92 761	1 A	230-400 V	3	2/8
GW 92 762	2 A	230-400 V	3	2/8
GW 92 763	3 A	230-400 V	3	2/8
GW 92 764	4 A	230-400 V	3	2/8
GW 92 765	6 A	230-400 V	3	2/8
GW 92 766	10 A	230-400 V	3	2/8
GW 92 774	13 A	230-400 V	3	2/8
GW 92 767	16 A	230-400 V	3	2/8
GW 92 768	20 A	230-400 V	3	2/8
GW 92 769	25 A	230-400 V	3	2/8
GW 92 770	32 A	230-400 V	3	2/8
GW 92 771	40 A	230-400 V	3	2/8
No. of poles: 4P				
GW 92 781	1 A	230-400 V	4	1/3
GW 92 782	2 A	230-400 V	4	1/3
GW 92 783	3 A	230-400 V	4	1/3
GW 92 784	4 A	230-400 V	4	1/3
GW 92 785	6 A	230-400 V	4	1/3
GW 92 786	10 A	230-400 V	4	1/3
GW 92 794	13 A	230-400 V	4	1/3
GW 92 787	16 A	230-400 V	4	1/3
GW 92 788	20 A	230-400 V	4	1/3
GW 92 789	25 A	230-400 V	4	1/3
GW 92 790	32 A	230-400 V	4	1/3
GW 92 791	40 A	230-400 V	4	1/3

MT 250 - C curve - 25000 A (EN 60898) - Up to 25 kA (EN 60947-2)

BREAKING CAPACITY 1P		
230V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	25 kA
In=25 A	20000 A	20 kA
In=32÷40 A	15000 A	15 kA
In=50÷63 A	12500 A	15 kA

BREAKING CAPACITY 2P		
230V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	50 kA
In=25 A	25000 A	40 kA
In=32÷40 A	25000 A	30 kA
In=50÷63 A	25000 A	25 kA

BREAKING CAPACITY 2P		
400V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	30 kA
In=25 A	25000 A	25 kA
In=32÷40 A	20000 A	20 kA
In=50÷63 A	15000 A	15 kA

BREAKING CAPACITY 3-4P		
230V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	40 kA
In=25 A	25000 A	30 kA
In=32÷40 A	25000 A	25 kA
In=50÷63 A	20000 A	20 kA

BREAKING CAPACITY 3-4P		
400V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	25 kA
In=25 A	20000 A	20 kA
In=32÷40 A	15000 A	15 kA
In=50÷63 A	12500 A	15 kA



GW 92 892

Miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 805	6 A	230-400 V	1	6/24
GW 92 806	10 A	230-400 V	1	6/24
GW 92 807	16 A	230-400 V	1	6/24
GW 92 808	20 A	230-400 V	1	6/24
GW 92 809	25 A	230-400 V	1	6/24
GW 92 810	32 A	230-400 V	1	6/24
GW 92 811	40 A	230-400 V	1	6/24
GW 92 812	50 A	230-400 V	1	6/24
GW 92 813	63 A	230-400 V	1	6/24
No. of poles: 2P				
GW 92 845	6 A	230-400 V	2	3/12
GW 92 846	10 A	230-400 V	2	3/12
GW 92 847	16 A	230-400 V	2	3/12
GW 92 848	20 A	230-400 V	2	3/12
GW 92 849	25 A	230-400 V	2	3/12
GW 92 850	32 A	230-400 V	2	3/12
GW 92 851	40 A	230-400 V	2	3/12
GW 92 852	50 A	230-400 V	2	3/12
GW 92 853	63 A	230-400 V	2	3/12
No. of poles: 3P				
GW 92 865	6 A	230-400 V	3	2/8
GW 92 866	10 A	230-400 V	3	2/8
GW 92 867	16 A	230-400 V	3	2/8
GW 92 868	20 A	230-400 V	3	2/8
GW 92 869	25 A	230-400 V	3	2/8
GW 92 870	32 A	230-400 V	3	2/8
GW 92 871	40 A	230-400 V	3	2/8
GW 92 872	50 A	230-400 V	3	2/8
GW 92 873	63 A	230-400 V	3	2/8
No. of poles: 4P				
GW 92 885	6 A	230-400 V	4	1/3
GW 92 886	10 A	230-400 V	4	1/3
GW 92 887	16 A	230-400 V	4	1/3
GW 92 888	20 A	230-400 V	4	1/3
GW 92 889	25 A	230-400 V	4	1/3
GW 92 890	32 A	230-400 V	4	1/3
GW 92 891	40 A	230-400 V	4	1/3
GW 92 892	50 A	230-400 V	4	1/3
GW 92 893	63 A	230-400 V	4	1/3

MTHP - HIGH PERFORMANCE MINIATURE CIRCUIT BREAKERS

MTHP 160 - C curve - 10000 A (EN 60898) - 16 kA (EN 60947-2)





GW 93 349

High performance miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 93 307	80 A	230-400 V	1.5	1/12
GW 93 308	100 A	230-400 V	1.5	1/12
GW 93 309	125 A	230-400 V	1.5	1/12
No. of poles: 2P				
GW 93 327	80 A	230-400 V	3	1/4
GW 93 328	100 A	230-400 V	3	1/4
GW 93 329	125 A	230-400 V	3	1/4
No. of poles: 3P				
GW 93 337	80 A	230-400 V	4.5	1/4
GW 93 338	100 A	230-400 V	4.5	1/4
GW 93 339	125 A	230-400 V	4.5	1/4
No. of poles: 4P				
GW 93 347	80 A	230-400 V	6	1/4
GW 93 348	100 A	230-400 V	6	1/4
GW 93 349	125 A	230-400 V	6	1/4

ACCESSORIES SUPPLIED: kit for cable terminals wiring and poles separators.

MTHP 160 - D curve - 10000 A (EN 60898) - 16 kA (EN 60947-2)





GW 93 388

High performance miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 93 355	50 A	230-400 V	1.5	1/12
GW 93 356	63 A	230-400 V	1.5	1/12
GW 93 357	80 A	230-400 V	1.5	1/12
GW 93 358	100 A	230-400 V	1.5	1/12
No. of poles: 2P				
GW 93 375	50 A	230-400 V	3	1/4
GW 93 376	63 A	230-400 V	3	1/4
GW 93 377	80 A	230-400 V	3	1/4
GW 93 378	100 A	230-400 V	3	1/4
No. of poles: 3P				
GW 93 385	50 A	230-400 V	4.5	1/4
GW 93 386	63 A	230-400 V	4.5	1/4
GW 93 387	80 A	230-400 V	4.5	1/4
GW 93 388	100 A	230-400 V	4.5	1/4
No. of poles: 4P				
GW 93 395	50 A	230-400 V	6	1/4
GW 93 396	63 A	230-400 V	6	1/4
GW 93 397	80 A	230-400 V	6	1/4
GW 93 398	100 A	230-400 V	6	1/4

ACCESSORIES SUPPLIED: kit for cable terminals wiring and poles separators.

MTHP 250 - C curve - 25000 A (EN 60898) - 25 kA (EN 60947-2)

BREAKING CAPACITY 1P			BREAKING CAPACITY 1P		BREAKING CAPACITY 2P			BREAKING CAPACITY 3-4P			BREAKING CAPACITY 2-3-4P		
230V	EN60898 Icn	EN60947-2 Icu	400V	EN60947-2 Icu	230V	EN60898 Icn	EN60947-2 Icu	230V	EN60898 Icn	EN60947-2 Icu	400V	EN60898 Icn	EN60947-2 Icu
In=20÷63 A	25000 A	25 kA	In=20÷63 A	6 kA	In=20÷63 A	25000 A	50 kA	In=20÷63 A	25000 A	30 kA	In=20÷63 A	25000 A	25 kA



GW 93 222

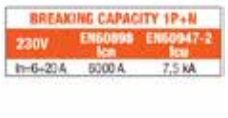
High performance miniature circuit breakers

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 93 201	20 A	230-400 V	1.5	1/12
GW 93 202	25 A	230-400 V	1.5	1/12
GW 93 203	32 A	230-400 V	1.5	1/12
GW 93 204	40 A	230-400 V	1.5	1/12
GW 93 205	50 A	230-400 V	1.5	1/12
GW 93 206	63 A	230-400 V	1.5	1/12
No. of poles: 2P				
GW 93 221	20 A	230-400 V	3	1/4
GW 93 222	25 A	230-400 V	3	1/4
GW 93 223	32 A	230-400 V	3	1/4
GW 93 224	40 A	230-400 V	3	1/4
GW 93 225	50 A	230-400 V	3	1/4
GW 93 226	63 A	230-400 V	3	1/4
No. of poles: 3P				
GW 93 231	20 A	230-400 V	4.5	1/4
GW 93 232	25 A	230-400 V	4.5	1/4
GW 93 233	32 A	230-400 V	4.5	1/4
GW 93 234	40 A	230-400 V	4.5	1/4
GW 93 235	50 A	230-400 V	4.5	1/4
GW 93 236	63 A	230-400 V	4.5	1/4
No. of poles: 4P				
GW 93 241	20 A	230-400 V	6	1/4
GW 93 242	25 A	230-400 V	6	1/4
GW 93 243	32 A	230-400 V	6	1/4
GW 93 244	40 A	230-400 V	6	1/4
GW 93 245	50 A	230-400 V	6	1/4
GW 93 246	63 A	230-400 V	6	1/4

ACCESSORIES SUPPLIED: kit for cable terminals wiring and poles separators.

MINIATURE CIRCUIT BREAKERS WITH ELECTRICAL ARC FAULT DETECTION AFDD

AFDD - C curve - 6000 A (EN 60898) - 7.5 kA (EN 60947-2)







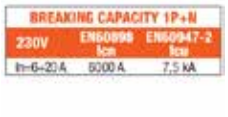
GW 91 928

Miniature circuit breakers AFDD

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P+N					
GW 91 925	6 A	230 V	No	2	1/6
GW 91 926	10 A	230 V	No	2	1/6
GW 91 927	13 A	230 V	No	2	1/6
GW 91 928	16 A	230 V	No	2	1/6
GW 91 929	20 A	230 V	No	2	1/6

APPLICATIONS: arc fault protection, short circuit and overload protection.
CHARACTERISTICS: LED for monitoring the operating status of the AFDD.
Test button to check the correct functioning of the AFDD device.
Contact position signalling window to identify contact status (red: closed; green: open).

AFDD - B curve - 6000 A (EN 60898) - 7.5 kA (EN 60947-2)







GW 91 906

Miniature circuit breakers AFDD

Code	Rated current	Rated voltage	Auxiliaries compatibility	No. of modules EN 50022	Pack Carton
No. of poles: 1P+N					
GW 91 906	10 A	230 V	No	2	1/6
GW 91 907	13 A	230 V	No	2	1/6
GW 91 908	16 A	230 V	No	2	1/6
GW 91 909	20 A	230 V	No	2	1/6

APPLICATIONS: device for protection against faults caused by electrical arcing and overcurrents.
CHARACTERISTICS: LED for monitoring the operating status of the AFDD device.
Test button to verify the correct functioning of the AFDD device.
Contact position indicator for identifying the status of the contacts (red: closed; green: open).

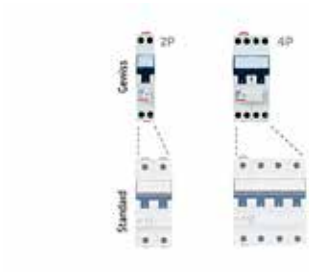


90 MCB



Scan the QR Code and find out all the technical informations.

REDUCED FOOTPRINT



The compact MCCB protect 2 poles per module, reducing space by up to 50%. This also allows installation of smaller enclosures, for savings on costs.

MAXIMUM SECURITY



To ensure the most secure fastening and protection from possible contact with live parts, the terminals are equipped with a protective, sliding insulating insert. In addition, the double DIN hook provides a more stable fastening and facilitates maintenance operations.

SIMPLIFIED ACCESSORY MANAGEMENT



The 90 MCB range of circuit breakers integrate seamlessly with the 90 range of electrical auxiliaries, providing simplified and streamlined accessory management.