

Jordfeilbrytere med overstrømsvern, jordfeilbrytere og monterbare enheter for beskyttelse av jordfeilstøm

Med de kompakte **MDC** jordfeilbrytere med overstrømsvern kan du beskytte en pol for hver modul.

En serie modulære enheter for beskyttelse av jordfeilstøm med svært høy ytelse. **SD** jordfeilbrytere og monterbare **BD** og **BDHP** jordfeilbrytere for **MT** og **MTHP** automatsikringer er raske å montere og har unike innovative løsninger.

Mange versjoner:

- momentan: type AC - A
- impulsmotstand: type A - B
- selektiv: type A - B
- med justerbar utkoplingserskel og tidsforsinkelse: type A

2P

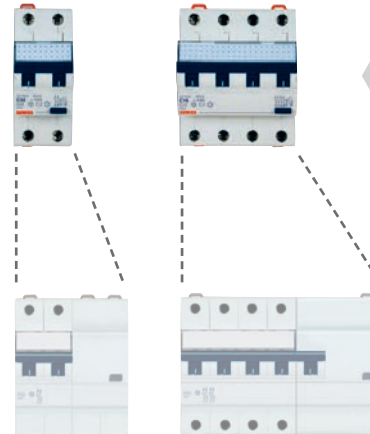
4P

JORDFEILBRYTERE MED OVERSTRØMSVERN - MDC
Jordfeilbrytere med overstrømsvern

**Kompakt
GEWISS**

**-50%
totale mål**

Markedsstandard



MDC



BD og BDHP



SD

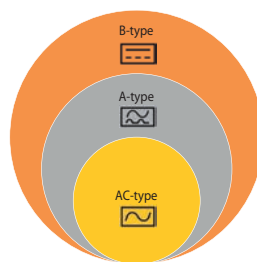


SD B-type



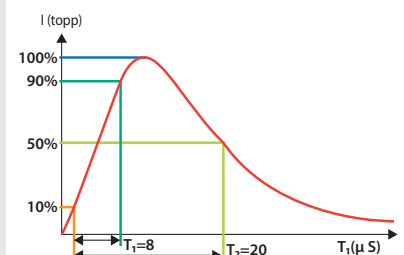
Hurtigtest

De monterbare jordfeilbryterne er utstyrt med en testknapp som tester korrekt mekanisk kopling til automatsikringen før forsyning. Dette er en viktig test som påser at utkoplingsmekanismen fungerer som den skal. Dessuten gjør den eneste spaken det mulig å identifisere den type feil som har fått enheten til å kople ut. Et gult flagg indikerer jordfeil.



En automatsikring for ethvert behov

Takket være de store valgmulighetene kan 90-serien med jordfeilbrytere dekke alle behov for beskyttelse i elektriske kretser med ulike typer jordfeilstøm, fra sinusspenning (AC-type) og pulserende (A-type), som følge av tilstedeværelsen av elektroniske enheter, til jevn DC (B-type) som for eksempel brukes til beskyttelse av vekslerettere, avbruddsfri strømforsyning og medisinsk utstyr.



Uten avbrudd

I tillegg til typene AC, A og B har 90-serien med jordfeilbrytere også versjoner med impulsmotstand (IR-versjon) med høy motstand mot utidig utkopling på grunn av overspenningspulser. Denne versjonen er særlig egnet for installasjoner der det er svært viktig med kontinuitet i strømforsyningen. IR-versjonen, tilgjengelig for MDC, BD og SD, utmerker seg for sin evne til å levere sikkerhet og samtidig ikke å kople ut ved atmosfæriske utladninger, under kjøring med kritisk innkoplingsstrømstøt og i nærvær av harmoniske svingninger som vanligvis åpner de vanlige jordfeilbryterne uten at det foreligger noen reell feil.

90 RCD-serien

Modulære automatsikringer for beskyttelse av jordfeilstrom

Utvalgte tabeller

				KOMPAKTE JORDFEILBRYTERE MED OVERSTRØMSVERN							
				IΔn = 30mA				IΔn = 300mA			
											
Icn [A] (EN 61009-1)	Kurve	Type	In [A]	1P+N 2 mod.	2P 2 mod.	3P 3 mod.	4P 4 mod.	1P+N 2 mod.	2P 2 mod.	3P 3 mod.	4P 4 mod.
MDC 45											
4500	C	AC	6	GW 94 005	GW 94 025	GW 94 045	GW 94 065	GW 94 015	GW 94 035	GW 94 055	GW 94 075
			10	GW 94 006	GW 94 026	GW 94 046	GW 94 066	GW 94 016	GW 94 036	GW 94 056	GW 94 076
			13	GW 94 011	GW 94 031	GW 94 051	GW 94 071	-	-	-	-
			16	GW 94 007	GW 94 027	GW 94 047	GW 94 067	GW 94 017	GW 94 037	GW 94 057	GW 94 077
			20	GW 94 008	GW 94 028	GW 94 048	GW 94 068	GW 94 018	GW 94 038	GW 94 058	GW 94 078
			25	GW 94 009	GW 94 029	GW 94 049	GW 94 069	GW 94 019	GW 94 039	GW 94 059	GW 94 079
			32	GW 94 010	GW 94 030	GW 94 050	GW 94 070	GW 94 020	GW 94 040	GW 94 060	GW 94 080
		A	6	GW 94 205	GW 94 225	GW 94 245	GW 94 265	GW 94 215	GW 94 235	GW 94 255	GW 94 275
			10	GW 94 206	GW 94 226	GW 94 246	GW 94 266	GW 94 216	GW 94 236	GW 94 256	GW 94 276
			13	GW 94 211	GW 94 231	GW 94 251	GW 94 271	-	-	-	-
			16	GW 94 207	GW 94 227	GW 94 247	GW 94 267	GW 94 217	GW 94 237	GW 94 257	GW 94 277
			20	GW 94 208	GW 94 228	GW 94 248	GW 94 268	GW 94 218	GW 94 238	GW 94 258	GW 94 278
			25	GW 94 209	GW 94 229	GW 94 249	GW 94 269	GW 94 219	GW 94 239	GW 94 259	GW 94 279
			32	GW 94 210	GW 94 230	GW 94 250	GW 94 270	GW 94 220	GW 94 240	GW 94 260	GW 94 280
MDC 60											
6000	C	AC	6	GW 94 105	GW 94 125	GW 94 145	GW 94 165	GW 94 115	GW 94 135	GW 94 155	GW 94 175
			10	GW 94 106	GW 94 126	GW 94 146	GW 94 166	GW 94 116	GW 94 136	GW 94 156	GW 94 176
			13	GW 94 111	GW 94 131	GW 94 151	GW 94 171	-	-	-	-
			16	GW 94 107	GW 94 127	GW 94 147	GW 94 167	GW 94 117	GW 94 137	GW 94 157	GW 94 177
			20	GW 94 108	GW 94 128	GW 94 148	GW 94 168	GW 94 118	GW 94 138	GW 94 158	GW 94 178
			25	GW 94 109	GW 94 129	GW 94 149	GW 94 169	GW 94 119	GW 94 139	GW 94 159	GW 94 179
			32	GW 94 110	GW 94 130	GW 94 150	GW 94 170	GW 94 120	GW 94 140	GW 94 160	GW 94 180
		A	6	GW 94 305	GW 94 325	GW 94 345	GW 94 365	GW 94 315	GW 94 335	GW 94 355	GW 94 375
			10	GW 94 306	GW 94 326	GW 94 346	GW 60 429	GW 94 316	GW 94 336	GW 94 356	GW 94 376
			13	GW 94 311	GW 94 331	GW 94 351	GW 94 371	-	-	-	-
			16	GW 94 307	GW 94 327	GW 94 347	GW 94 367	GW 94 317	GW 94 337	GW 94 357	GW 94 377
			20	GW 94 308	GW 94 328	GW 94 348	GW 94 368	GW 94 318	GW 94 338	GW 94 358	GW 94 378
			25	GW 94 309	GW 94 329	GW 94 349	GW 94 369	GW 94 319	GW 94 339	GW 94 359	GW 94 379
			32	GW 94 310	GW 94 330	GW 94 350	GW 94 370	GW 94 320	GW 94 340	GW 94 360	GW 94 380
		A[IR]	6	-	GW 95 805	-	GW 95 815	-	-	-	-
			10	-	GW 95 806	-	GW 95 816	-	-	-	-
			13	-	GW 95 811	-	GW 95 821	-	-	-	-
			16	-	GW 95 807	-	GW 95 817	-	-	-	-
			20	-	GW 95 808	-	GW 95 818	-	-	-	-
			25	-	GW 95 809	-	GW 95 819	-	-	-	-
			32	-	GW 95 810	-	GW 95 820	-	-	-	-
		A[S]	16	-	-	-	-	-	GW 95 847	-	GW 95 857
			20	-	-	-	-	-	GW 95 848	-	GW 95 858
			25	-	-	-	-	-	GW 95 849	-	GW 95 859
			32	-	-	-	-	-	GW 95 850	-	GW 95 860
	B	A	6	GW 95 105	GW 95 125	GW 95 145	GW 95 165	GW 95 115	GW 95 135	GW 95 155	GW 95 175
			10	GW 95 106	GW 95 126	GW 95 146	GW 95 166	GW 95 116	GW 95 136	GW 95 156	GW 95 176
			13	GW 95 111	GW 95 131	GW 95 151	GW 95 171	-	-	-	-
			16	GW 95 107	GW 95 127	GW 95 147	GW 95 167	GW 60 429	GW 60 429	GW 95 157	GW 95 177
			20	GW 95 108	GW 95 128	GW 60 429	GW 95 168	GW 95 118	GW 95 138	GW 95 158	GW 60 429
			25	GW 95 109	GW 95 129	GW 95 149	GW 95 169	GW 60 429	GW 95 139	GW 95 159	GW 95 179
			32	GW 95 110	GW 95 130	GW 95 150	GW 95 170	GW 95 120	GW 95 140	GW 95 160	GW 95 180

				KOMPAKTE JORDFEILBRYTERE MED OVERSTRØMSVERN							
				IΔn = 30mA			IΔn = 100mA	IΔn = 300mA			
											
Icn [A] (EN 61009-1)	Kurve	Type	In [A]	1P+N 2 mod.	2P 2 mod.	3P 3 mod.	2P 2 mod.	1P+N 2 mod.	2P 2 mod.		
				MDC 100							
10000	C	AC	6	GW 95 005	GW 95 025	GW 95 025 MA*	-	-	GW 95 015	GW 95 035	GW 95 035 MA*
			10	GW 95 006	GW 95 026	GW 95 026 MA*	-	-	GW 95 016	GW 95 036	GW 95 036 MA*
			13	GW 95 011	GW 95 031	GW 95 031 MA*	-	-	-	-	-
			16	GW 95 007	GW 95 027	GW 95 027 MA*	-	-	GW 95 017	GW 95 037	GW 95 037 MA*
			20	GW 95 008	GW 95 028	GW 95 028 MA*	-	-	GW 95 018	GW 60 429	GW 95 038 MA*
			25	GW 95 009	GW 95 029	GW 95 029 MA*	-	-	GW 95 019	GW 95 039	GW 95 039 MA*
			32	GW 95 010	GW 95 030	GW 95 030 MA*	-	-	GW 95 020	GW 95 040	GW 95 040 MA*
		A	6	GW 95 205	GW 95 225	GW 95 225 MA*	GW 95 245**	GW 95 785	GW 95 215	GW 95 235	GW 66 308 N
			10	GW 95 206	GW 95 226	GW 95 226 MA*	GW 95 246**	GW 95 786	GW 95 216	GW 95 236	GW 95 236 MA*
			13	GW 95 211	GW 95 231	GW 95 231 MA*	-	GW 95 791	-	-	-
			16	GW 95 207	GW 95 227	GW 95 227 MA*	GW 95 247**	GW 95 787	GW 95 217	GW 95 237	GW 95 237 MA*
			20	GW 95 208	GW 95 228	GW 95 228 MA*	GW 95 248**	GW 95 788	GW 95 218	GW 95 238	GW 95 238 MA*
			25	GW 95 209	GW 95 229	GW 95 229 MA*	GW 95 249**	GW 95 789	GW 95 219	GW 95 239	GW 95 239 MA*
			32	GW 95 210	GW 95 230	GW 95 230 MA*	GW 95 250**	GW 95 790	GW 95 220	GW 95 240	GW 95 240 MA*
		A[IR]	6	-	GW 95 825	-	-	-	-	-	-
			10	-	GW 95 826	-	-	-	-	-	-
			13	-	GW 95 831	-	-	-	-	-	-
			16	-	GW 95 827	-	-	-	-	-	-
			20	-	GW 95 828	-	-	-	-	-	-
			25	-	GW 95 829	-	-	-	-	-	-
	B	A	32	-	GW 95 830	-	-	-	-	-	-
			6	-	GW 95 325	-	GW 95 795	-	GW 95 335	-	-
			10	-	GW 95 326	-	GW 95 796	-	GW 95 336	-	-
			13	-	GW 95 331	-	GW 95 801	-	-	-	-
			16	-	GW 95 327	-	GW 95 797	-	GW 95 337	-	-
			20	-	GW 95 328	-	GW 95 798	-	GW 95 338	-	-
			25	-	GW 95 329	-	GW 95 799	-	GW 95 339	-	-
		A[IR]	32	-	GW 95 330	-	GW 95 800	-	GW 95 340	-	-
			6	-	GW 95 835	-	-	-	-	-	-
			10	-	GW 95 836	-	-	-	-	-	-
			13	-	GW 95 841	-	-	-	-	-	-
			16	-	GW 95 837	-	-	-	-	-	-
			20	-	GW 95 838	-	-	-	-	-	-
			25	-	GW 95 839	-	-	-	-	-	-
			32	-	GW 95 840	-	-	-	-	-	-

* Nominell driftsspøenning lik 110V AC

* Nominell driftsspøenning lik 230V AC

		MONTERBARE JORDFEILBRYTERE (EN 61009-1 APP. G)								
		BD						BDHP		
										
Type	IΔn [mA]	2P		3P		4P		2P	3P	4P
		2 mod.		3,5 mod.		3,5 mod.		4 mod.	6 mod.	6 mod.
		In≤25A	In≤63A	In≤25A	In≤63A	In≤25A	In≤63A	In≤125A	In≤125A	In≤125A
AC	10	GW 94 401	-	-	-	-	-	-	-	-
	30	GW 94 402	GW 94 412	GW 94 442	GW 94 448	GW 94 422	GW 94 432	GW 95 406	GW 95 416	GW 95 426
	300	GW 94 403	GW 94 413	GW 94 443	GW 94 449	GW 94 423	GW 94 433	GW 95 408	GW 95 418	GW 95 428
	500	GW 94 404	GW 94 414	GW 94 444	GW 94 450	GW 94 424	GW 94 434	-	-	-
A	30	GW 94 502	GW 94 512	GW 94 542	GW 94 547	GW 94 522	GW 94 532	GW 95 436	GW 95 446	GW 95 456
	300	GW 94 503	GW 94 513	GW 94 543	GW 94 548	GW 94 523	GW 94 533	GW 95 438	GW 95 448	GW 95 458
	500	GW 94 504	GW 94 514	GW 94 544	GW 94 549	GW 94 524	GW 94 534	-	-	-
A[IR]	30	GW 94 566		GW 94 595		GW 94 586		-	-	-
A[S]	300	GW 94 563		GW 94 598		GW 94 583		GW 95 468	GW 95 478	GW 95 488
	1000	GW 94 565		GW 94 600		GW 94 585		GW 95 470	GW 95 480	GW 95 490
A req.	300-3000	-		-		-		-	-	GW 95 512

90 RCD-serien

Modulære automatsikringer for beskyttelse av jordfeilstrom

			JORDFEILBRYTERE (EN 61008-1)			
			SD			
			2P	4P		
						
In [A]	Type	IΔn [mA]	2 mod.	3 mod.	4 mod.	4 mod.**
25	AC	10	GW 94 616	-	-	-
		30	GW 94 617	GW 94 662	GW 94 697	GW 94 637
		100	GW 94 618	-	GW 94 698	-
		300	GW 94 619	GW 94 664	GW 94 699	GW 94 639
	A	10	GW 94 816	GW 94 866	-	-
		30	GW 94 817	GW 94 867	GW 94 877	GW 94 552
		100	GW 94 818	-	GW 94 878	-
		300	GW 94 819	GW 94 869	GW 94 879	GW 94 554
	A[IR]	30	GW 95 651	-	GW 95 676	-
		300	-	-	GW 95 678	-
	B[IR]	30	GW 95 701 *	-	GW 95 716	-
		300	-	-	GW 95 718	-
40	AC	30	GW 94 627	GW 94 667	GW 94 707	GW 94 647
		100	GW 94 628	GW 94 668	GW 94 708	-
		300	GW 94 629	GW 94 669	GW 94 709	GW 94 649
		500	GW 94 630	GW 94 670	GW 94 710	-
	A	30	GW 94 827	GW 94 897	GW 94 927	GW 94 557
		100	GW 94 828	GW 94 898	GW 94 928	-
		300	GW 94 829	GW 94 899	GW 94 929	GW 94 559
		500	GW 94 830	GW 94 900	GW 94 930	-
	A[IR]	30	GW 95 656	-	GW 95 681	-
		300	-	-	GW 95 683	-
	A[S]	300	GW 94 924	-	GW 94 966	-
		30	GW 95 706 *	-	GW 95 721	-
	B[IR]	300	-	-	GW 95 723	-
		30	-	-	-	-
63	AC	30	GW 94 790	-	GW 94 757	GW 60 429
		100	GW 94 791	-	GW 94 758	-
		300	GW 94 792	-	GW 94 759	GW 94 719
		500	GW 94 789	-	GW 94 760	-
	A	30	GW 94 837	-	GW 94 937	GW 94 907
		100	GW 94 838	-	GW 94 938	-
		300	GW 94 839	-	GW 94 939	GW 94 909
		500	GW 94 840	-	GW 94 940	-
	A[IR]	30	GW 95 661	-	GW 95 686	-
		300	-	-	GW 95 688	-
	A[S]	300	GW 94 934	-	GW 94 976	-
		30	-	-	GW 95 726	-
	B[IR]	300	-	-	GW 95 728	-
		500	-	-	GW 95 729	-
	B[S]	300	-	-	GW 95 737	-
		30	-	-	-	-
80	AC	30	GW 94 793	-	GW 94 761	GW 94 727
		100	GW 94 794	-	GW 94 771	-
		300	GW 94 795	-	GW 94 766	GW 94 728
	A	30	GW 94 847	-	GW 94 947	-
		100	GW 94 848	-	GW 94 948	-
		300	GW 94 849	-	GW 94 949	-
	A[S]	300	GW 94 944	-	GW 94 986	-
		30	-	-	GW 95 731	-
	B[IR]	300	-	-	GW 95 733	-
		300	-	-	GW 95 743	-
100	AC	30	-	-	GW 94 777	GW 94 737
		100	-	-	GW 94 778	-
		300	-	-	GW 94 779	GW 94 739
		500	-	-	GW 94 780	-
	A	30	-	-	GW 94 957	-
		100	-	-	GW 94 958	-
		300	-	-	GW 94 959	-
		500	-	-	GW 94 960	-
	A[IR]	30	-	-	GW 95 696	-
		300	-	-	GW 95 698	-
125	AC	30	-	-	GW 95 601	-
		300	-	-	GW 95 603	-
		500	-	-	GW 95 604	-
	A	30	-	-	GW 95 606	-
		300	-	-	GW 95 608	-
		500	-	-	GW 95 609	-

* 4 moduler

** Jordfeilbrytere med nøytralleder på venstre side