

Redline ED.04

Modular DIN-rail devices
for all applications

Just feel protected



GE imagination at work

Modular DIN-rail devices for all applications

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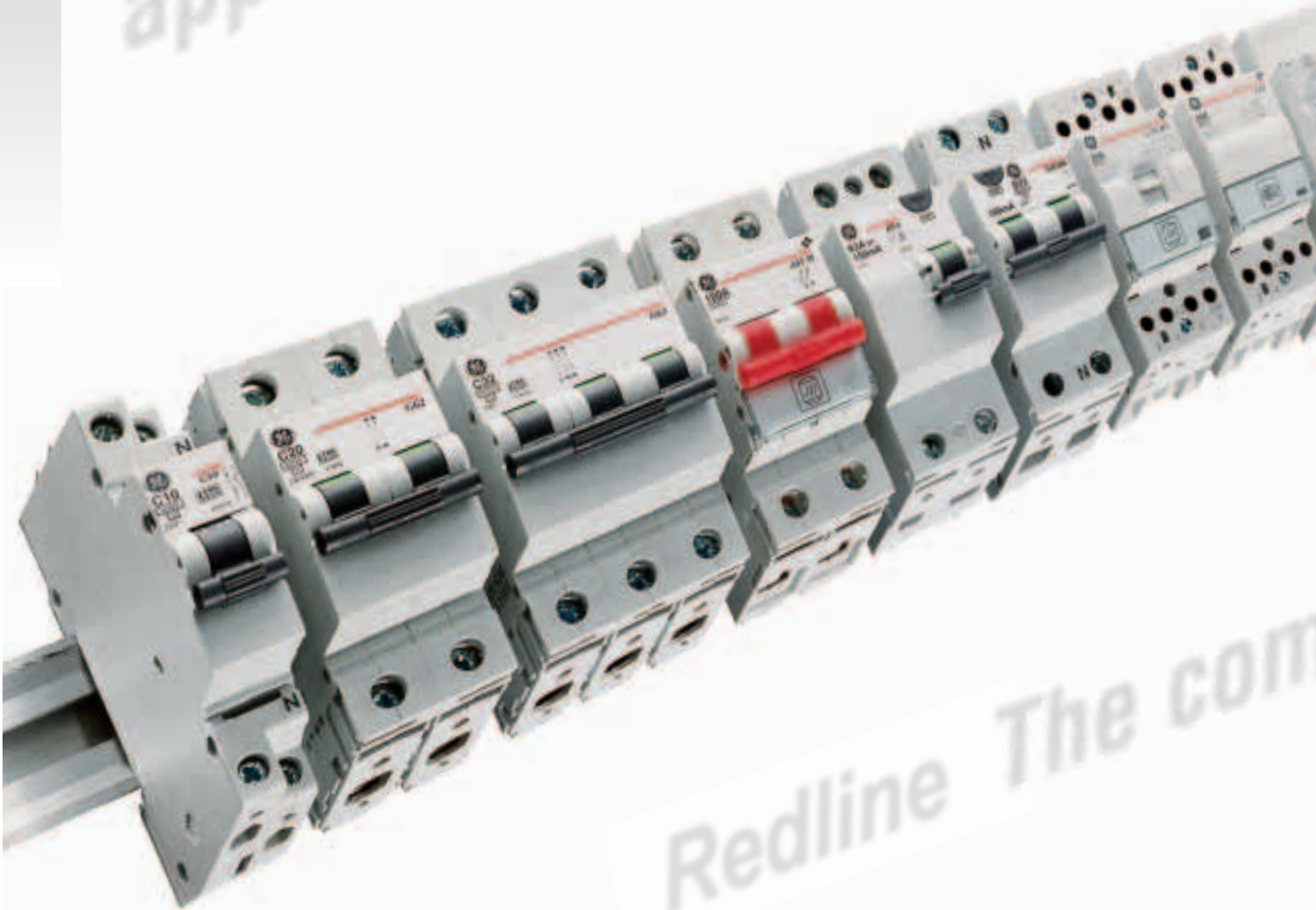
Redline

For all applications

Industrial



For all applications



Redline The com



Residential

Commercial



Redline



Circuit protection

MCB's up to 125A
 up to 25 kA - EN 60898
 up to 50 kA - EN 60947-2



People protection

RCCB's up to 100A
 up to 500 mA
 RCBO's up to 40A
 up to 300 mA
 Add-on RCD's up to 125A
 up to 1000 mA



Add-on devices

Auxiliaries
 Shunt trip
 Under voltage relay
 Motor operator
 Busbar systems



Comfort functions

Switches
 Remote control
 Time switches and relays
 Transformers
 Measurement instruments
 Surge arresters



complete line

The complete line

MCB's
Up to 125A
Up to 25kA (EN 60898)
B,C,D

RCBO's
Up to 10kA (EN 61009)
Up to 63A
 $I_{\Delta m} = 30, 300, 1000\text{mA}$

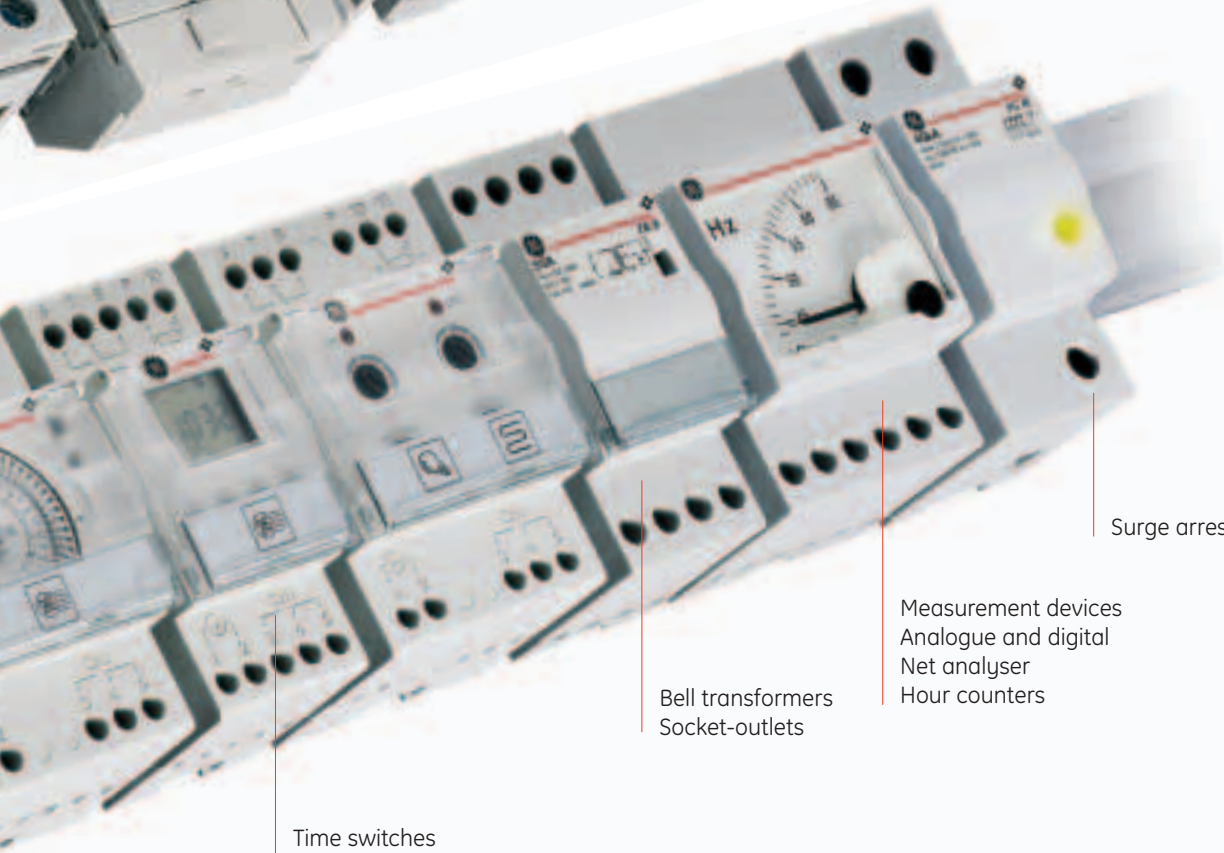
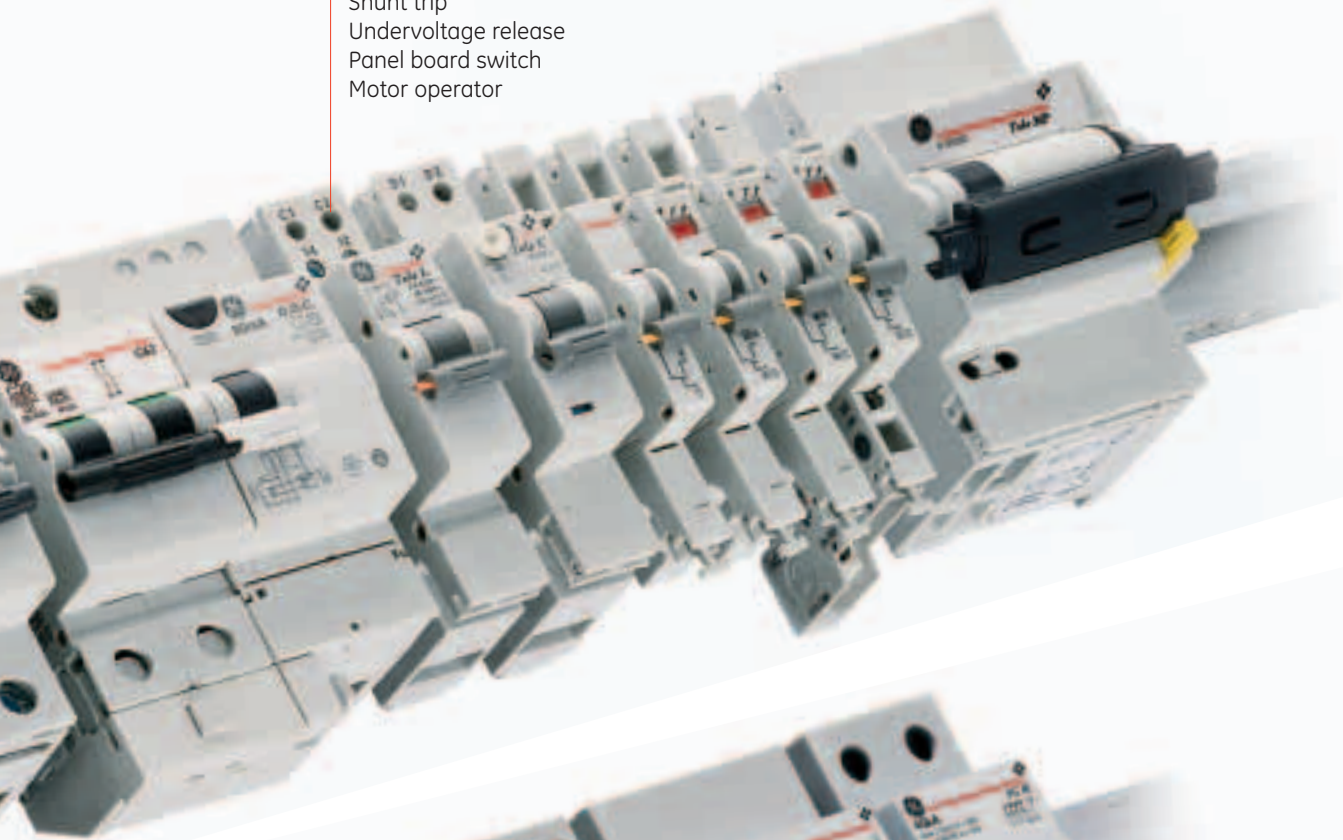
RCCB's
Up to 125A
 $I_{\Delta m} = 10 \text{ to } 500\text{mA}$
10kA with 100A fuse

Day-night contactors
Modular contactors
Impulse switches
Modular relays

Modular switches 16/32A
Push-buttons 16A
Mains disconnect switch 32-100A
Modular switches 63-80-100A



Common add-on devices
Auxiliary contacts
Shunt trip
Undervoltage release
Panel board switch
Motor operator



Surge arresters

Measurement devices
Analogue and digital
Net analyser
Hour counters

Bell transformers
Socket-outlets

Time switches
Light sensitive switch
Staircase lighting time switch
Time relays

the complete line

MCB's - Miniature Circuit Breakers

Series C30 - 3kA
 Series C45 - 4.5kA
 Series C60 - 6kA

Short-circuit capacity (kA)	
Series C	
1P+N	
EN/IEC 60898-1	230V
Series C30	3
Series C45	3
Series C60	6
EN/IEC 60947-2	230V
Series C45	6
Series C60	7.5

Series C30

Tripping characteristic C



In (A)	1P+N	
	Cat. No.	Ref. No.
2	C31NC02	676702
4	C31NC04	676703
6	C31NC06	676704
10	C31NC10	676705
16	C31NC16	676706
20	C31NC20	676707
25	C31NC25	676708
32	C31NC32	676709

Series C45

Tripping charact. B Tripping charact. C



In (A)	1P+N		1P+N	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.
2	-	-	C41NC02	676713
4	-	-	C41NC04	676714
6	C41NB06	676722	C41NC06	676715
10	C41NB10	676723	C41NC10	676716
16	C41NB16	676724	C41NC16	676717
20	C41NB20	676725	C41NC20	676718
25	C41NB25	676726	C41NC25	676719
32	C41NB32	676727	C41NC32	676720

Series C60

Tripping charact. B Tripping charact. C



In (A)	1P+N		1P+N	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.
2	-	-	C61NC02	676731
4	-	-	C61NC04	676732
6	C61NB06	676740	C61NC06	676733
10	C61NB10	676741	C61NC10	676734
16	C61NB16	676742	C61NC16	676735
20	C61NB20	676743	C61NC20	676736
25	C61NB25	676744	C61NC25	676737
32	C61NB32	676745	C61NC32	676738



For complete range, see Redline catalogue.
 Ask catalogue on simple request.

Series G20 - 3kA
Series G30 - 3kA
Series G45 - 4.5kA

Short-circuit capacity (kA)												
Un	Series G20				Series G30				Series G45			
	1P	2P	3P	4P	1P	2P	3P	4P	1P	2P	3P	4P
EN/IEC 60898-1 230/400V	Icn				Icn				Icn			
EN/IEC 60947-2 127V	3	3	3	3	3	3	3	3	4.5	4.5	4.5	4.5
240V	-	-	-	-	-	-	-	-	-	12	-	-
415V	-	-	-	-	5	10	10	10	6	10	10	10
	-	-	-	-	-	5	5	5	-	6	6	6

Series G20

Tripping characteristic C



In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	G21C06	674351	G22C06	674358	G23C06	674365	G24C06	674372
10	G21C10	674352	G22C10	674359	G23C10	674366	G24C10	674373
16	G21C16	674353	G22C16	674360	G23C16	674367	G24C16	674374
20	G21C20	674354	G22C20	674361	G23C20	674368	G24C20	674375
25	G21C25	674355	G22C25	674362	G23C25	674369	G24C25	674376
32	G21C32	674356	G22C32	674363	G23C32	674370	G24C32	674377
40	G21C40	674357	G22C40	674364	G23C40	674371	G24C40	674378

Series G30

Tripping characteristic B



In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	G31B06	674443	G32B06	674454	G33B06	674466	G34B06	674477
10	G31B10	674445	G32B10	674456	G33B10	674468	G34B10	674479
16	G31B16	674447	G32B16	674458	G33B16	674470	G34B16	674481
20	G31B20	674448	G32B20	674459	G33B20	674471	G34B20	674482
25	G31B25	674449	G32B25	674460	G33B25	674472	G34B25	674483
32	G31B32	674450	G32B32	674461	G33B32	674473	G34B32	674484
40	G31B40	674451	G32B40	674462	G33B40	674474	G34B40	674485

Tripping characteristic C



2	G31C02	674381	G32C02	674397	G33C02	674413	G34C02	674429
4	G31C04	674383	G32C04	674399	G33C04	674415	G34C04	674431
6	G31C06	674384	G32C06	674400	G33C06	674416	G34C06	674432
10	G31C10	674386	G32C10	674402	G33C10	674418	G34C10	674434
16	G31C16	674388	G32C16	674404	G33C16	674420	G34C16	674436
20	G31C20	674389	G32C20	674405	G33C20	674421	G34C20	674437
25	G31C25	674390	G32C25	674406	G33C25	674422	G34C25	674438
32	G31C32	674391	G32C32	674407	G33C32	674423	G34C32	674439
40	G31C40	674392	G32C40	674408	G33C40	674424	G34C40	674440

Series G45

Tripping characteristic B



In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	G41B06	674552	G42B06	674563	G43B06	674574	G44B06	674585
10	G41B10	674554	G42B10	674565	G43B10	674576	G44B10	674587
16	G41B16	674556	G42B16	674567	G43B16	674578	G44B16	674589
20	G41B20	674557	G42B20	674568	G43B20	674579	G44B20	674590
25	G41B25	674558	G42B25	674569	G43B25	674580	G44B25	674591
32	G41B32	674559	G42B32	674570	G43B32	674581	G44B32	674592
40	G41B40	674560	G42B40	674571	G43B40	674582	G44B40	674593

Tripping characteristic C



2	G41C02	674490	G42C02	674506	G43C02	674522	G44C02	674538
4	G41C04	674492	G42C04	674508	G43C04	674524	G44C04	674540
6	G41C06	674493	G42C06	674509	G43C06	674525	G44C06	674541
10	G41C10	674495	G42C10	674511	G43C10	674527	G44C10	674543
16	G41C16	674497	G42C16	674513	G43C16	674529	G44C16	674545
20	G41C20	674498	G42C20	674514	G43C20	674530	G44C20	674546
25	G41C25	674499	G42C25	674515	G43C25	674531	G44C25	674547
32	G41C32	674500	G42C32	674516	G43C32	674532	G44C32	674548
40	G41C40	674501	G42C40	674517	G43C40	674533	G44C40	674549



MCB's - Miniature Circuit Breakers

Series G60 - 6kA

Un	Series G60			
	1P	1P+N/2P	3P	3P+N/4P
EN/IEC 60898-1 230/400V	6	6	6	6
EN/IEC 60947-2 127V	-	30	-	-
240V	10	20	20	20
415V	-	10	10	10

Series G60

Tripping characteristic B

In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	G61B06	674692	G62B06	674714	G63B06	674725	G64B06	674736
10	G61B10	674694	G62B10	674716	G63B10	674727	G64B10	674738
16	G61B16	674696	G62B16	674718	G63B16	674729	G64B16	674740
20	G61B20	674697	G62B20	674719	G63B20	674730	G64B20	674741
25	G61B25	674698	G62B25	674720	G63B25	674731	G64B25	674742
32	G61B32	674699	G62B32	674721	G63B32	674732	G64B32	674743
40	G61B40	674700	G62B40	674722	G63B40	674733	G64B40	674744
50	G61B50	674701	G62B50	674723	G63B50	674734	G64B50	674745
63	G61B63	674702	G62B63	674724	G63B63	674735	G64B63	674746



Tripping characteristic B

1P+N		
6	G61NB06	674703
10	G61NB10	674705
16	G61NB16	674707
20	G61NB20	674708
25	G61NB25	674709
32	G61NB32	674710
40	G61NB40	674711
50	G61NB50	674712
63	G61NB63	674713



Tripping characteristic C

	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
0.5	-	-	-	-	-	-	G64C0.5	674660
2	G61C02	674598	G62C02	674630	G63C02	674646	G64C02	674662
4	G61C04	674600	G62C04	674632	G63C04	674648	G64C04	674664
6	G61C06	674601	G62C06	674633	G63C06	674649	G64C06	674665
10	G61C10	674603	G62C10	674635	G63C10	674651	G64C10	674667
16	G61C16	674605	G62C16	674637	G63C16	674653	G64C16	674669
20	G61C20	674606	G62C20	674638	G63C20	674654	G64C20	674670
25	G61C25	674607	G62C25	674639	G63C25	674655	G64C25	674671
32	G61C32	674608	G62C32	674640	G63C32	674656	G64C32	674672
40	G61C40	674609	G62C40	674641	G63C40	674657	G64C40	674673
50	G61C50	674610	G62C50	674642	G63C50	674658	G64C50	674674
63	G61C63	674611	G62C63	674643	G63C63	674659	G64C63	674675



Tripping characteristic C

1P+N		
2	G61NC02	674614
4	G61NC04	674616
6	G61NC06	674617
10	G61NC10	674619
16	G61NC16	674621
20	G61NC20	674622
25	G61NC25	674623
32	G61NC32	674624
40	G61NC40	674625
50	G61NC50	674626
63	G61NC63	674627



Series G60 - 6kA

Series G60 (continued)

Tripping characteristic D

In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
2	G61D02	674760	G62D02	674792	G63D02	674808	G64D02	674824
4	G61D04	674762	G62D04	674794	G63D04	674810	G64D04	674826
6	G61D06	674763	G62D06	674795	G63D06	674811	G64D06	674827
10	G61D10	674765	G62D10	674797	G63D10	674813	G64D10	674829
16	G61D16	674767	G62D16	674799	G63D16	674815	G64D16	674831
20	G61D20	674768	G62D20	674800	G63D20	674816	G64D20	674832
25	G61D25	674769	G62D25	674801	G63D25	674817	G64D25	674833
32	G61D32	674770	G62D32	674802	G63D32	674818	G64D32	674834
40	G61D40	674771	G62D40	674803	G63D40	674819	G64D40	674835
50	G61D50	674772	G62D50	674804	G63D50	674820	G64D50	674836
63	G61D63	674773	G62D63	674805	G63D63	674821	G64D63	674837

Tripping characteristic D

In (A)	1P+N							
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
2	G61ND02	674776						
4	G61ND04	674778						
6	G61ND06	674779						
10	G61ND10	674781						
16	G61ND16	674783						
20	G61ND20	674784						
25	G61ND25	674785						
32	G61ND32	674786						
40	G61ND40	674787						
50	G61ND50	674788						
63	G61ND63	674789						



MCB's - Miniature Circuit Breakers

Series G100 - 10kA

Short-circuit capacity (kA)				
Un	Series G100			
	1P	1P+N/2P	3P	3P+N/4P
EN/IEC 60898-1 230/400V	10	10	10	10
EN/IEC 60947-2		Icn		
127V	-	40	-	-
240V	15	30	30	30
415V	-	15	15	15

Series G100

Tripping characteristic B

In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	G101B06	674950	G102B06	674972	G103B06	674983	G104B06	674994
10	G101B10	674952	G102B10	674974	G103B10	674985	G104B10	674996
13	G101B13	674953	G102B13	674975	G103B13	674986	G104B13	674997
16	G101B16	674954	G102B16	674976	G103B16	674987	G104B16	674998
20	G101B20	674955	G102B20	674977	G103B20	674988	G104B20	674999
25	G101B25	674956	G102B25	674978	G103B25	674989	G104B25	675000
32	G101B32	674957	G102B32	674979	G103B32	674990	G104B32	675001
40	G101B40	674958	G102B40	674980	G103B40	674991	G104B40	675002
50	G101B50	674959	G102B50	674981	G103B50	674992	G104B50	675003
63	G101B63	674960	G102B63	674982	G103B63	674993	G104B63	675004



Tripping characteristic B

In (A)	1P+N		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	G101NB06	674961						
10	G101NB10	674963						
13	G101NB13	674964						
16	G101NB16	674965						
20	G101NB20	674966						
25	G101NB25	674967						
32	G101NB32	674968						
40	G101NB40	674969						
50	G101NB50	674970						
63	G101NB63	674971						



Tripping characteristic C

In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
0.5	G101C0.5	674854	G102C0.5	674886	G103C0.5	674902	G104C0.5	674918
1	G101C01	674855	G102C01	674887	G103C01	674903	G104C01	674919
2	G101C02	674856	G102C02	674888	G103C02	674904	G104C02	674920
3	G101C03	674857	G102C03	674889	G103C03	674905	G104C03	674921
4	G101C04	674858	G102C04	674890	G103C04	674906	G104C04	674922
6	G101C06	674859	G102C06	674891	G103C06	674907	G104C06	674923
10	G101C10	674861	G102C10	674893	G103C10	674909	G104C10	674925
13	G101C13	674862	G102C13	674894	G103C13	674910	G104C13	674926
16	G101C16	674863	G102C16	674895	G103C16	674911	G104C16	674927
20	G101C20	674864	G102C20	674896	G103C20	674912	G104C20	674928
25	G101C25	674865	G102C25	674897	G103C25	674913	G104C25	674929
32	G101C32	674866	G102C32	674898	G103C32	674914	G104C32	674930
40	G101C40	674867	G102C40	674899	G103C40	674915	G104C40	674931
50	G101C50	674868	G102C50	674900	G103C50	674916	G104C50	674932
63	G101C63	674869	G102C63	674901	G103C63	674917	G104C63	674933



Tripping characteristic C

In (A)	1P+N		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
2	G101NC02	674872						
3	G101NC03	674873						
4	G101NC04	674874						
6	G101NC06	674875						
10	G101NC10	674877						
13	G101NC13	674878						
16	G101NC16	674879						
20	G101NC20	674880						
25	G101NC25	674881						
32	G101NC32	674882						
40	G101NC40	674883						
50	G101NC50	674884						
63	G101NC63	674885						



Circuit protection



Series G100 - 10kA

Series G100 (continued)

Tripping characteristic D

In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
0.5	G101D0.5	675016	G102D0.5	675048	G103D0.5	675064	G104D0.5	675080
1	G101D01	675017	G102D01	675049	G103D01	675065	G104D01	675081
2	G101D02	675018	G102D02	675050	G103D02	675066	G104D02	675082
3	G101D03	675019	G102D03	675051	G103D03	675067	G104D03	675083
4	G101D04	675020	G102D04	675052	G103D04	675068	G104D04	675084
6	G101D06	675021	G102D06	675053	G103D06	675069	G104D06	675085
10	G101D10	675023	G102D10	675055	G103D10	675071	G104D10	675087
13	G101D13	675024	G102D13	675056	G103D13	675072	G104D13	675088
16	G101D16	675025	G102D16	675057	G103D16	675073	G104D16	675089
20	G101D20	675026	G102D20	675058	G103D20	675074	G104D20	675090
25	G101D25	675027	G102D25	675059	G103D25	675075	G104D25	675091
32	G101D32	675028	G102D32	675060	G103D32	675076	G104D32	675092
40	G101D40	675029	G102D40	675061	G103D40	675077	G104D40	675093
50	G101D50	675030	G102D50	675062	G103D50	675078	G104D50	675094
63	G101D63	675031	G102D63	675063	G103D63	675079	G104D63	675095



Tripping characteristic D

In (A)	1P+N			
	Cat. No.	Ref. No.		
0.5	G101ND0.5	675032		
1	G101ND01	675033		
2	G101ND02	675034		
3	G101ND03	675035		
4	G101ND04	675036		
6	G101ND06	675037		
10	G101ND10	675039		
13	G101ND13	675040		
16	G101ND16	675041		
20	G101ND20	675042		
25	G101ND25	675043		
32	G101ND32	675044		
40	G101ND40	675045		
50	G101ND50	675046		
63	G101ND63	675047		



MCB's - Miniature Circuit Breakers

Series GT10 - 10kA

Short-circuit capacity (kA)				
Un	Series GT10			
	1P	2P	3P	4P
EN/IEC 60947-2	I _{cu}			
127V	-	30	-	-
240V	10	20	20	20
415V	-	10	10	10

Series GT10

Tripping characteristic B (3-5In)



In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	GT101B06	675176	GT102B06	675187	GT103B06	675198	GT104B06	675209
10	GT101B10	675178	GT102B10	675189	GT103B10	675200	GT104B10	675211
13	GT101B13	675179	GT102B13	675190	GT103B13	675201	GT104B13	675212
16	GT101B16	675180	GT102B16	675191	GT103B16	675202	GT104B16	675213
20	GT101B20	675181	GT102B20	675192	GT103B20	675203	GT104B20	675214
25	GT101B25	675182	GT102B25	675193	GT103B25	675204	GT104B25	675215
32	GT101B32	675183	GT102B32	675194	GT103B32	675205	GT104B32	675216
40	GT101B40	675184	GT102B40	675195	GT103B40	675206	GT104B40	675217
50	GT101B50	675185	GT102B50	675196	GT103B50	675207	GT104B50	675218
63	GT101B63	675186	GT102B63	675197	GT103B63	675208	GT104B63	675219

Tripping characteristic C (5-10In)



0.5	GT101C0.5	675112	GT102C0.5	675128	GT103C0.5	675144	GT104C0.5	675160
1	GT101C01	675113	GT102C01	675129	GT103C01	675145	GT104C01	675161
2	GT101C02	675114	GT102C02	675130	GT103C02	675146	GT104C02	675162
3	GT101C03	675115	GT102C03	675131	GT103C03	675147	GT104C03	675163
4	GT101C04	675116	GT102C04	675132	GT103C04	675148	GT104C04	675164
6	GT101C06	675117	GT102C06	675133	GT103C06	675149	GT104C06	675165
10	GT101C10	675119	GT102C10	675135	GT103C10	675151	GT104C10	675167
13	GT101C13	675120	GT102C13	675136	GT103C13	675152	GT104C13	675168
16	GT101C16	675121	GT102C16	675137	GT103C16	675153	GT104C16	675169
20	GT101C20	675122	GT102C20	675138	GT103C20	675154	GT104C20	675170
25	GT101C25	675123	GT102C25	675139	GT103C25	675155	GT104C25	675171
32	GT101C32	675124	GT102C32	675140	GT103C32	675156	GT104C32	675172
40	GT101C40	675125	GT102C40	675141	GT103C40	675157	GT104C40	675173
50	GT101C50	675126	GT102C50	675142	GT103C50	675158	GT104C50	675174
63	GT101C63	675127	GT102C63	675143	GT103C63	675159	GT104C63	675175

Tripping characteristic D (10-20In)



0.5	GT101D0.5	675220	GT102D0.5	675236	GT103D0.5	675252	GT104D0.5	675268
1	GT101D01	675221	GT102D01	675237	GT103D01	675253	GT104D01	675269
2	GT101D02	675222	GT102D02	675238	GT103D02	675254	GT104D02	675270
3	GT101D03	675223	GT102D03	675239	GT103D03	675255	GT104D03	675271
4	GT101D04	675224	GT102D04	675240	GT103D04	675256	GT104D04	675272
6	GT101D06	675225	GT102D06	675241	GT103D06	675257	GT104D06	675273
10	GT101D10	675227	GT102D10	675243	GT103D10	675259	GT104D10	675275
13	GT101D13	675228	GT102D13	675244	GT103D13	675260	GT104D13	675276
16	GT101D16	675229	GT102D16	675245	GT103D16	675261	GT104D16	675277
20	GT101D20	675230	GT102D20	675246	GT103D20	675262	GT104D20	675278
25	GT101D25	675231	GT102D25	675247	GT103D25	675263	GT104D25	675279
32	GT101D32	675232	GT102D32	675248	GT103D32	675264	GT104D32	675280
40	GT101D40	675233	GT102D40	675249	GT103D40	675265	GT104D40	675281
50	GT101D50	675234	GT102D50	675250	GT103D50	675266	GT104D50	675282
63	GT101D63	675235	GT102D63	675251	GT103D63	675267	GT104D63	675283

Series GT25 - 10kA

Short-circuit capacity (kA)				
Un	Series GT25			
	1P	2P	3P	4P
EN/IEC 60947-2	Icu ⁽¹⁾			
240V	100/25/20/15		100/50/40/30	
415V	100/25/20/15			

⁽¹⁾ 0,5-4A / 6-25A / 32-40A / 50-63A

Series GT25

Tripping characteristic B (3-5In)



In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	GT251B06	675348	GT252B06	675359	GT253B06	675370	GT254B06	675381
10	GT251B10	675350	GT252B10	675361	GT253B10	675372	GT254B10	675383
16	GT251B16	675352	GT252B16	675363	GT253B16	675374	GT254B16	675385
20	GT251B20	675353	GT252B20	675364	GT253B20	675375	GT254B20	675386
25	GT251B25	675354	GT252B25	675365	GT253B25	675376	GT254B25	675387
32	GT251B32	675355	GT252B32	675366	GT253B32	675377	GT254B32	675388
40	GT251B40	675356	GT252B40	675367	GT253B40	675378	GT254B40	675389
50	GT251B50	675357	GT252B50	675368	GT253B50	675379	GT254B50	675390
63	GT251B63	675358	GT252B63	675369	GT253B63	675380	GT254B63	675391

Tripping characteristic C (5-10In)



0,5	GT251C0,5	675284	GT252C0,5	675300	GT253C0,5	675316	GT254C0,5	675332
1	GT251C01	675285	GT252C01	675301	GT253C01	675317	GT254C01	675333
2	GT251C02	675286	GT252C02	675302	GT253C02	675318	GT254C02	675334
4	GT251C04	675288	GT252C04	675304	GT253C04	675320	GT254C04	675336
6	GT251C06	675289	GT252C06	675305	GT253C06	675321	GT254C06	675337
10	GT251C10	675291	GT252C10	675307	GT253C10	675323	GT254C10	675339
16	GT251C16	675293	GT252C16	675309	GT253C16	675325	GT254C16	675341
20	GT251C20	675294	GT252C20	675310	GT253C20	675326	GT254C20	675342
25	GT251C25	675295	GT252C25	675311	GT253C25	675327	GT254C25	675343
32	GT251C32	675296	GT252C32	675312	GT253C32	675328	GT254C32	675344
40	GT251C40	675297	GT252C40	675313	GT253C40	675329	GT254C40	675345
50	GT251C50	675298	GT252C50	675314	GT253C50	675330	GT254C50	675346
63	GT251C63	675299	GT252C63	675315	GT253C63	675331	GT254C63	675347

Tripping characteristic D (10-20In)



0,5	GT251D0,5	675392	GT252D0,5	675408	GT253D0,5	675424	GT254D0,5	675440
1	GT251D01	675393	GT252D01	675409	GT253D01	675425	GT254D01	675441
2	GT251D02	675394	GT252D02	675410	GT253D02	675426	GT254D02	675442
4	GT251D04	675396	GT252D04	675412	GT253D04	675428	GT254D04	675444
6	GT251D06	675397	GT252D06	675413	GT253D06	675429	GT254D06	675445
10	GT251D10	675399	GT252D10	675415	GT253D10	675431	GT254D10	675447
16	GT251D16	675401	GT252D16	675417	GT253D16	675433	GT254D16	675449
20	GT251D20	675402	GT252D20	675418	GT253D20	675434	GT254D20	675450
25	GT251D25	675403	GT252D25	675419	GT253D25	675435	GT254D25	675451
32	GT251D32	675404	GT252D32	675420	GT253D32	675436	GT254D32	675452
40	GT251D40	675405	GT252D40	675421	GT253D40	675437	GT254D40	675453
50	GT251D50	675406	GT252D50	675422	GT253D50	675438	GT254D50	675454
63	GT251D63	675407	GT252D63	675423	GT253D63	675439	GT254D63	675455

MCB's - Miniature Circuit Breakers

Series EP100UC
10kA

Short-circuit capacity (kA)			Short-circuit capacity (kA)		
AC/DC acc. to EN/IEC 60898-2 ⁽¹⁾			AC acc. to EN/IEC 60947-2 ⁽³⁾		
Poles	Series EP100UC		Poles	Series EP100UC	
	V	I _{cn} (kA) ⁽²⁾		V	I _{cn} (kA)
1,2	230/400	6	1	220DC	10 ⁽²⁾
1	125DC	10	1	230	6 ⁽³⁾
1	220DC	6	2	440DC	10 ⁽²⁾
2	250DC	10	2	400	6 ⁽³⁾
2	440DC	6			

(1) After a switching of the net with more than 6kA in AC, is use DC impossible
 (2) T = 4ms
 (3) 4.5kA for 50 & 60A

Series EP100UC

Tripping characteristic B



In (A)	1P		2P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	EP101UCB06	673333	EP102UCB06	673342
10	EP101UCB10	673334	EP102UCB10	673343
16	EP101UCB16	673335	EP102UCB16	673344
20	EP101UCB20	673336	EP102UCB20	673345
25	EP101UCB25	673337	EP102UCB25	673346
32	EP101UCB32	673338	EP102UCB32	673347
40	EP101UCB40	673339	EP102UCB40	673348
50	EP101UCB50	673340	EP102UCB50	673349
63	EP101UCB63	673341	EP102UCB63	673350

Tripping characteristic C



0.5	EP101UCC0.5	673301	EP102UCC0.5	673317
1	EP101UCC01	673302	EP102UCC01	673318
2	EP101UCC02	673303	EP102UCC02	673319
4	EP101UCC04	673305	EP102UCC04	673321
6	EP101UCC06	673306	EP102UCC06	673322
10	EP101UCC10	673308	EP102UCC10	673324
16	EP101UCC16	673310	EP102UCC16	673326
20	EP101UCC20	673311	EP121UCC20	673327
25	EP101UCC25	673312	EP102UCC25	673328
32	EP101UCC32	673313	EP102UCC32	673329
40	EP101UCC40	673314	EP102UCC40	673330
50	EP101UCC50	673315	EP102UCC50	673331
63	EP101UCC63	673316	EP102UCC63	673332

On demand: 4P

Series Hti - 10kA

Short-circuit capacity (kA)			Series Hti	
AC acc. to EN/IEC 60947-2 (B,C)				
Poles	V	I _{cu} (kA) ⁽¹⁾		
1	230/400	10 ⁽²⁾		
2	230	15 ⁽³⁾		
3,4	230	15 ⁽³⁾		
3,4	400	10 ⁽²⁾		

(1) Only for 3-5 In (B) and 5-10 In (C)
 (2) 7.5kA for 10-20 In (D)
 (3) 10kA for 10-20 In (D)

Series Hti

Tripping characteristic B (3-5In)



In (A)	1P		2P		3P		4P	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
80	Hti101B080	671504	Hti102B080	671510	Hti103B080	671516	Hti104B080	671522
100	Hti101B100	671505	Hti102B100	671511	Hti103B100	671517	Hti104B100	671523
125	Hti101B125	671506	Hti102B125	671512	Hti103B125	671518	Hti104B125	671524

Tripping characteristic C (5-10In)

80	Hti101C080	671528	Hti102C080	671534	Hti103C080	671540	Hti104C080	671546
100	Hti101C100	671529	Hti102C100	671535	Hti103C100	671541	Hti104C100	671547
125	Hti101C125	671530	Hti102C125	671536	Hti103C125	671542	Hti104C125	671548

Tripping characteristic D (10-20In)

80	Hti101D080	671552	Hti102D080	671558	Hti103D080	671564	Hti104D080	671570
100	Hti101D100	671553	Hti102D100	671559	Hti103D100	671565	Hti104D100	671571
125	Hti101D125	671554	Hti102D125	671560	Hti103D125	671566	Hti104D125	671572



RCCB's - Residual Current Circuit Breakers

Series BP/BD Type AC - A - Ai - Si

Series BP/BD

Type AC - 2P

In (A)	10*/30 mA		100 mA		300 mA		500 mA		1000 mA	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
16	BPC216/010*	606131	-	-	-	-	-	-	-	-
25	BDC225/030	607125	BPC225/100	606140	BDC225/300	607127	BPC225/500	606153	BPC225/1000	606158
40	BDC240/030	607126	BPC240/100	606141	BDC240/300	607128	BPC240/500	606154	BPC240/1000	606159
63	BPC263/030	606134	BPC263/100	606142	BPC263/300	606150	BPC263/500	606155	BPC263/1000	606160
80	BPC280/030	606135	BPC280/100	606143	BPC280/300	606151	BPC280/500	606156	BPC280/1000	606161
100	BPC2100/030	606136	BPC2100/100	606144	BPC2100/300	606152	BPC2100/500	606157	BPC2100/1000	606162

Type AC - 4P

25	BPC425/030	606208	BPC425/100	606216	BPC425/300	606224	BPC425/500	606229	BPC425/1000	606234
40	BPC440/030	606209	BPC440/100	606217	BPC440/300	606225	BPC440/500	606230	BPC440/1000	606235
63	BPC463/030	606210	BPC463/100	606218	BPC463/300	606226	BPC463/500	606231	BPC463/1000	606236
80	BPC480/030	606211	BPC480/100	606219	BPC480/300	606227	BPC480/500	606232	BPC480/1000	606237
100	BPC4100/030	606212	BPC4100/100	606220	BPC4100/300	606228	BPC4100/500	606233	BPC4100/1000	606238

Type A - 2P

16	BPA216/010*	606085	-	-	-	-	-	-	-	-
25	BPA225/030	606086	BPA225/100	606091	BPA225/300	606101	BPA225/500	606111	BPA225/1000	606121
40	BPA240/030	606087	BPA240/100	606092	BPA240/300	606102	BPA240/500	606112	BPA240/1000	606122
63	BPA263/030	606088	BPA263/100	606093	BPA263/300	606103	BPA263/500	606113	BPA263/1000	606123
80	BPA280/030	606089	BPA280/100	606094	BPA280/300	606104	BPA280/500	606114	BPA280/1000	606124
100	BPA2100/030	606090	BPA2100/100	606095	BPA2100/300	606105	BPA2100/500	606115	BPA2100/1000	606125

Type A - 4P

25	BPA425/030	606163	BPA425/100	606168	BPA425/300	606178	BPA425/500	606188	BPA425/1000	606198
40	BPA440/030	606164	BPA440/100	606169	BPA440/300	606179	BPA440/500	606189	BPA440/1000	606199
63	BPA463/030	606165	BPA463/100	606170	BPA463/300	606180	BPA463/500	606190	BPA463/1000	606200
80	BPA480/030	606166	BPA480/100	606171	BPA480/300	606181	BPA480/500	606191	BPA480/1000	606201
100	BPA4100/030	606167	BPA4100/100	606172	BPA4100/300	606182	BPA4100/500	606192	BPA4100/1000	606202

Type S - 2P

25		BPS225/100	606096	BPS225/300	606106	BPS225/500	606116	BPS225/1000	606126
40		BPS240/100	606097	BPS240/300	606107	BPS240/500	606117	BPS240/1000	606127
63		BPS263/100	606098	BPS263/300	606108	BPS263/500	606118	BPS263/1000	606128
80		BPS280/100	606099	BPS280/300	606109	BPS280/500	606119	BPS280/1000	606129
100		BPS2100/100	606100	BPS2100/300	606110	BPS2100/500	606120	BPS2100/1000	606130

Type S - 4P

25		BPS425/100	606173	BPS425/300	606183	BPS425/500	606193	BPS425/1000	606203
40		BPS440/100	606174	BPS440/300	606184	BPS440/500	606194	BPS440/1000	606204
63		BPS463/100	606175	BPS463/300	606185	BPS463/500	606195	BPS463/1000	606205
80		BPS480/100	606176	BPS480/300	606186	BPS480/500	606196	BPS480/1000	606206
100		BPS4100/100	606177	BPS4100/300	606187	BPS4100/500	606197	BPS4100/1000	606207

Type Ai - 2P

In (A)	30 mA		300 mA		300 mA	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
25	BPAi225/030	606331	BPAi225/300	606347	BPSi225/300	606337
40	BPAi240/030	606332	BPAi240/300	606348	BPSi240/300	606338
63	BPAi263/030	606333	BPAi263/300	606349	BPSi263/300	606339
80	-	-	-	-	BPSi280/300	606340
100	-	-	-	-	BPSi2100/300	606341

Type Si - 2P

Type Ai - 4P

25	BPAi425/030	606334	BPAi425/300	606350	BPSi425/300	606342
40	BPAi440/030	606335	BPAi440/300	606351	BPSi440/300	606343
63	BPAi463/030	606336	BPAi463/300	606352	BPSi463/300	606344
80	-	-	-	-	BPSi480/300	606345
100	-	-	-	-	BPSi4100/300	606346

Type Si - 4P



RCBO's - Residual Current Operated Circuit Breakers with integral overcurrent protection

Series DM60 Type AC and A
Series DMT60 Type AC

6000
3

People protection

Series DM60

Type AC - characteristic B 

In (A)	10 mA		30 mA		100 mA		300 mA	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	DM60B06/010	609802	DM60B06/030	609807	DM60B06/100	609815	DM60B06/300	609823
10	DM60B10/010	609803	DM60B10/030	609808	DM60B10/100	609816	DM60B10/300	609824
13	DM60B13/010	609804	DM60B13/030	609809	DM60B13/100	609817	DM60B13/300	609825
16	DM60B16/010	609805	DM60B16/030	609810	DM60B16/100	609818	DM60B16/300	609826
20	DM60B20/010	609806	DM60B20/030	609811	DM60B20/100	609819	DM60B20/300	609827
25	-	-	DM60B25/030	609812	DM60B25/100	609820	DM60B25/300	609828
32	-	-	DM60B32/030	609813	DM60B32/100	609821	DM60B32/300	609829
40	-	-	DM60B40/030	609814	DM60B40/100	609822	DM60B40/300	609830



Type AC - characteristic C 

4	DM60C04/010	609831	DM60C04/030	609837	DM60C04/100	609846	DM60C04/300	609855
6	DM60C06/010	609832	DM60C06/030	609838	DM60C06/100	609847	DM60C06/300	609856
10	DM60C10/010	609833	DM60C10/030	609839	DM60C10/100	609848	DM60C10/300	609857
13	DM60C13/010	609834	DM60C13/030	609840	DM60C13/100	609849	DM60C13/300	609858
16	DM60C16/010	609835	DM60C16/030	609841	DM60C16/100	609850	DM60C16/300	609859
20	DM60C20/010	609836	DM60C20/030	609842	DM60C20/100	609851	DM60C20/300	609860
25	-	-	DM60C25/030	609843	DM60C25/100	609852	DM60C25/300	609861
32	-	-	DM60C32/030	609844	DM60C32/100	609853	DM60C32/300	609862
40	-	-	DM60C40/030	609845	DM60C40/100	609854	DM60C40/300	609863



Type A - characteristic B 

6	DMA60B06/010	609740	DMA60B06/030	609745	DMA60B06/100	609753	DMA60B06/300	609761
10	DMA60B10/010	609741	DMA60B10/030	609746	DMA60B10/100	609754	DMA60B10/300	609762
13	DMA60B13/010	609742	DMA60B13/030	609747	DMA60B13/100	609755	DMA60B13/300	609763
16	DMA60B16/010	609743	DMA60B16/030	609748	DMA60B16/100	609756	DMA60B16/300	609764
20	DMA60B20/010	609744	DMA60B20/030	609749	DMA60B20/100	609757	DMA60B20/300	609765
25	-	-	DMA60B25/030	609750	DMA60B25/100	609758	DMA60B25/300	609766
32	-	-	DMA60B32/030	609751	DMA60B32/100	609759	DMA60B32/300	609767
40	-	-	DMA60B40/030	609752	DMA60B40/100	609760	DMA60B40/300	609768

Type A - characteristic C 

4	DMA60C04/010	609769	DMA60C04/030	609775	DMA60C04/100	609784	DMA60C04/300	609793
6	DMA60C06/010	609770	DMA60C06/030	609776	DMA60C06/100	609785	DMA60C06/300	609794
10	DMA60C10/010	609771	DMA60C10/030	609777	DMA60C10/100	609786	DMA60C10/300	609795
13	DMA60C13/010	609772	DMA60C13/030	609778	DMA60C13/100	609787	DMA60C13/300	609796
16	DMA60C16/010	609773	DMA60C16/030	609779	DMA60C16/100	609788	DMA60C16/300	609797
20	DMA60C20/010	609774	DMA60C20/030	609780	DMA60C20/100	609789	DMA60C20/300	609798
25	-	-	DMA60C25/030	609781	DMA60C25/100	609790	DMA60C25/300	609799
32	-	-	DMA60C32/030	609782	DMA60C32/100	609791	DMA60C32/300	609800
40	-	-	DMA60C40/030	609783	DMA60C40/100	609792	DMA60C40/300	609801

Series DMT60

Type AC - characteristic C 

6000
3
Unswitched neutral

In (A)	30 mA	
	Cat. No.	Ref. No.
4	DMT60C04/030	609280
6	DMT60C06/030	609281
10	DMT60C10/030	609282
13	DMT60C13/030	609283
16	DMT60C16/030	609284
20	DMT60C20/030	609285
25	DMT60C25/030	609286
32	DMT60C32/030	609287
40	DMT60C40/030	609288



RCBO's - Residual Current Operated Circuit Breakers with integral overcurrent protection

Series DM100 Type AC and A
Series DMT100 Type AC

10000
3

Series DM100

Type AC - characteristic B

In (A)	10 mA		30 mA		100 mA		300 mA	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	DM100B06/010	609926	DM100B06/030	609931	DM100B06/100	609939	DM100B06/300	609947
10	DM100B10/010	609927	DM100B10/030	609932	DM100B10/100	609940	DM100B10/300	609948
13	DM100B13/010	609928	DM100B13/030	609933	DM100B13/100	609941	DM100B13/300	609949
16	DM100B16/010	609929	DM100B16/030	609934	DM100B16/100	609942	DM100B16/300	609950
20	DM100B20/010	609930	DM100B20/030	609935	DM100B20/100	609943	DM100B20/300	609951
25	-	-	DM100B25/030	609936	DM100B25/100	609944	DM100B25/300	609952
32	-	-	DM100B32/030	609937	DM100B32/100	609945	DM100B32/300	609953
40	-	-	DM100B40/030	609938	DM100B40/100	609946	DM100B40/300	609954



Type AC - characteristic C

4	DM100C04/010	609955	DM100C04/030	609961	DM100C04/100	609970	DM100C04/300	609979
6	DM100C06/010	609956	DM100C06/030	609962	DM100C06/100	609971	DM100C06/300	609980
10	DM100C10/010	609957	DM100C10/030	609963	DM100C10/100	609972	DM100C10/300	609981
13	DM100C13/010	609958	DM100C13/030	609964	DM100C13/100	609973	DM100C13/300	609982
16	DM100C16/010	609959	DM100C16/030	609965	DM100C16/100	609974	DM100C16/300	609983
20	DM100C20/010	609960	DM100C20/030	609966	DM100C20/100	609975	DM100C20/300	609984
25	-	-	DM100C25/030	609967	DM100C25/100	609976	DM100C25/300	609985
32	-	-	DM100C32/030	609968	DM100C32/100	609977	DM100C32/300	609986
40	-	-	DM100C40/030	609969	DM100C40/100	609978	DM100C40/300	609987

Type A - characteristic B

6	DMA100B06/010	609864	DMA100B06/030	609869	DMA100B06/100	609877	DMA100B06/300	609885
10	DMA100B10/010	609865	DMA100B10/030	609870	DMA100B10/100	609878	DMA100B10/300	609886
13	DMA100B13/010	609866	DMA100B13/030	609871	DMA100B13/100	609879	DMA100B13/300	609887
16	DMA100B16/010	609867	DMA100B16/030	609872	DMA100B16/100	609880	DMA100B16/300	609888
20	DMA100B20/010	609868	DMA100B20/030	609873	DMA100B20/100	609881	DMA100B20/300	609889
25	-	-	DMA100B25/030	609874	DMA100B25/100	609882	DMA100B25/300	609890
32	-	-	DMA100B32/030	609875	DMA100B32/100	609883	DMA100B32/300	609891
40	-	-	DMA100B40/030	609876	DMA100B40/100	609884	DMA100B40/300	609892



Type A - characteristic C

4	DMA100C04/010	609893	DMA100C04/030	609899	DMA100C04/100	609908	DMA100C04/300	609917
6	DMA100C06/010	609894	DMA100C06/030	609900	DMA100C06/100	609909	DMA100C06/300	609918
10	DMA100C10/010	609895	DMA100C10/030	609901	DMA100C10/100	609910	DMA100C10/300	609919
13	DMA100C13/010	609896	DMA100C13/030	609902	DMA100C13/100	609911	DMA100C13/300	609920
16	DMA100C16/010	609897	DMA100C16/030	609903	DMA100C16/100	609912	DMA100C16/300	609921
20	DMA100C20/010	609898	DMA100C20/030	609904	DMA100C20/100	609913	DMA100C20/300	609922
25	-	-	DMA100C25/030	609905	DMA100C25/100	609914	DMA100C25/300	609923
32	-	-	DMA100C32/030	609906	DMA100C32/100	609915	DMA100C32/300	609924
40	-	-	DMA100C40/030	609907	DMA100C40/100	609916	DMA100C40/300	609925

Series DMT100

Type AC - characteristic C

In (A)	30 mA	
	Cat. No.	Ref. No.
4	DMT100C04/030	609289
6	DMT100C06/030	609290
10	DMT100C10/030	609291
13	DMT100C13/030	609292
16	DMT100C16/030	609293
20	DMT100C20/030	609294
25	DMT100C25/030	609295
32	DMT100C32/030	609296
40	DMT100C40/030	609297



10000
3

Unswitched neutral

RCBO's - Residual Current Operated Circuit Breakers with integral overcurrent protection

Series DME60/DME100 Type AC
Series DMEA100 Type A

People protection



Series DME60

Type AC - characteristic C

In (A)	30 mA		100 mA	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	DME60C06/030	605060	DME60C06/100	605067
10	DME60C10/030	605061	DME60C10/100	605068
16	DME60C16/030	605062	DME60C16/100	605069
20	DME60C20/030	605063	DME60C20/100	605070
25	DME60C25/030	605064	DME60C25/100	605071
32	DME60C32/030	605065	DME60C32/100	605072
40	DME60C40/030	605066	DME60C40/100	605073



Series DME100

Type AC - characteristic B

In (A)	10 mA		30 mA	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	DME100B06/010	605030	DME100B06/030	605037
10	DME100B10/010	605031	DME100B10/030	605038
16	DME100B16/010	605032	DME100B16/030	605039
20	DME100B20/010	605033	DME100B20/030	605040
25	DME100B25/010	605034	DME100B25/030	605041
32	DME100B32/010	605035	DME100B32/030	605042
40	DME100B40/010	605036	DME100B40/030	605043

Type AC - characteristic C

In (A)	10 mA		30 mA		100 mA	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	DME100C06/010	605044	DME100C06/030	605051	DME100C06/100	605240
10	DME100C10/010	605045	DME100C10/030	605052	DME100C10/100	605241
16	DME100C16/010	605046	DME100C16/030	605053	DME100C16/100	605242
20	DME100C20/010	605047	DME100C20/030	605054	DME100C20/100	605243
25	DME100C25/010	605048	DME100C25/030	605055	DME100C25/100	605244
32	DME100C32/010	605049	DME100C32/030	605056	DME100C32/100	605245
40	DME100C40/010	605050	DME100C40/030	605057	DME100C40/100	605246



Series DMEA100

Type A - characteristic B

In (A)	10 mA		30 mA	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	DME100B06/010	605150	DME100B06/030	605157
10	DME100B10/010	605151	DME100B10/030	605158
16	DME100B16/010	605152	DME100B16/030	605159
20	DME100B20/010	605153	DME100B20/030	605160
25	DME100B25/010	605154	DME100B25/030	605161
32	DME100B32/010	605155	DME100B32/030	605162
40	DME100B40/010	605156	DME100B40/030	605163

Type A - characteristic C

In (A)	10 mA		30 mA	
	Cat. No.	Ref. No.	Cat. No.	Ref. No.
6	DME100C06/010	605164	DME100C06/030	605171
10	DME100C10/010	605165	DME100C10/030	605172
16	DME100C16/010	605166	DME100C16/030	605173
20	DME100C20/010	605167	DME100C20/030	605174
25	DME100C25/010	605168	DME100C25/030	605175
32	DME100C32/010	605169	DME100C32/030	605176
40	DME100C40/010	605170	DME100C40/030	605177



Add-on Residual Current Devices for MCB's Series G

Diff-o-Click Type AC - A - S

Short-circuit capacity - Depends on the associated MCB					
Acc to EN/IEC 61009	MCB				
	G30	G45	G60	G100	
Residual making and breaking capacity	I Δ m	3000	4500	6000	7500
Short-circuit capacity	I $_{cn}$	3000	4500	6000	10000

Series Diff-o-Click

Type AC



In (A)	30 mA		100 mA		300 mA		500 mA		1000 mA		
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
2P											
2 mod.	32	DOC 232/030	607536	DOC 232/100	607537	DOC 232/300	607538	DOC 232/500	607539	DOC 232/1000	607540
2 mod.	63	DOC 263/030	607542	DOC 263/100	607543	DOC 263/300	607544	DOC 263/500	607545	DOC 263/1000	607546
Diagram ①											
3P											
2 mod.	32	DOC 332/030	607620	DOC 332/100	607621	DOC 332/300	607622	DOC 332/500	607623	DOC 332/1000	607624
4 mod.	63	DOC 363/030	607626	DOC 363/100	607627	DOC 363/300	607628	DOC 363/500	607629	DOC 363/1000	607630
Diagram ②											
4P											
2 mod.	32	DOC 532/030	607722	DOC 532/100	607723	DOC 532/300	607724	DOC 532/500	607725	DOC 532/1000	607726
4 mod.	32	DOC 432/030	607728	DOC 432/100	607729	DOC 432/300	607730	DOC 432/500	607731	DOC 432/1000	607732
4 mod.	63	DOC 463/030	607734	DOC 463/100	607735	DOC 463/300	607736	DOC 463/500	607737	DOC 463/1000	607738
Diagram ③											

Type A



2P											
2 mod.	32	DOCA 232/030	607500	DOCA 232/100	607501	DOCA 232/300	607502	DOCA 232/500	607503	DOCA 232/1000	607504
4 mod.	63	DOCA 263/030	607506	DOCA 263/100	607507	DOCA 263/300	607508	DOCA 263/500	607509	DOCA 263/1000	607510
Diagram ①											
3P											
2 mod.	32	DOCA 332/030	607584	DOCA 332/100	607585	DOCA 332/300	607586	DOCA 332/500	607587	DOCA 332/1000	607588
2 mod.	63	DOCA 363/030	607590	DOCA 363/100	607591	DOCA 363/300	607592	DOCA 363/500	607593	DOCA 263/1000	607594
Diagram ②											
4P											
2 mod.	32	DOCA 532/030	607668	DOCA 532/100	607670	DOCA 532/300	607669	DOCA 532/500	607671	DOCA 532/1000	607672
	32	DOCA 432/030	607674	DOCA 432/100	607675	DOCA 432/300	607676	DOCA 432/500	607677	DOCA 432/1000	607678
4 mod.	63	DOCA 463/030	607680	DOCA 463/100	607681	DOCA 463/300	607682	DOCA 463/500	607683	DOCA 463/1000	607684
Diagram ③											

Type S



2P											
2 mod.	32			DOCS 232/100	607513	DOCS 232/300	607514	DOCS 232/500	607515	DOCS 232/1000	607516
2 mod.	63			DOCS 263/100	607519	DOCS 263/300	607520	DOCS 263/500	607521	DOCS 263/1000	607522
Diagram ①											
3P											
2 mod.	32			DOCS 332/100	607597	DOCS 332/300	607598	DOCS 332/500	607599	DOCS 332/1000	607600
4 mod.	63			DOCS 363/100	607603	DOCS 363/300	607604	DOCS 363/500	607605	DOCS 363/1000	607606
Diagram ②											
4P											
2 mod.	32			DOCS 532/100	607687	DOCS 532/300	607688	DOCS 532/500	607689	DOCS 532/1000	607690
4 mod.	32			DOCS 432/100	607693	DOCS 432/300	607694	DOCS 432/500	607695	DOCS 432/1000	607696
	63			DOCS 463/100	607699	DOCS 463/300	607700	DOCS 463/500	607701	DOCS 463/1000	607702
Diagram ③											

Diagram ①

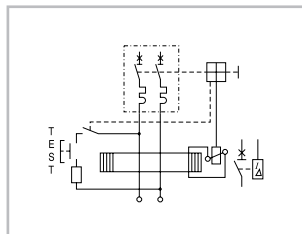


Diagram ②

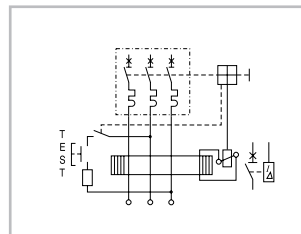
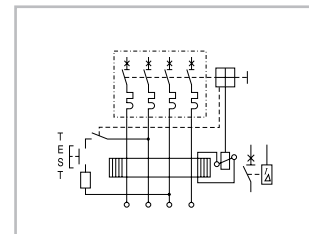
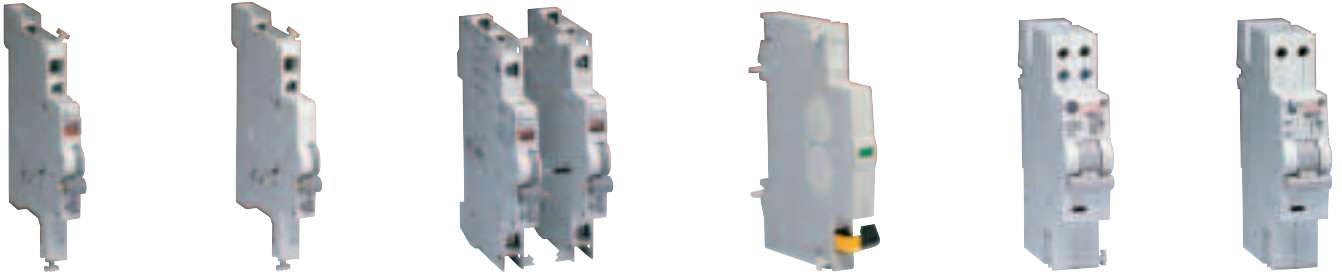


Diagram ③



Add-on devices



Common add-on devices suitable for all MCB's, RCD's and Modular Switches

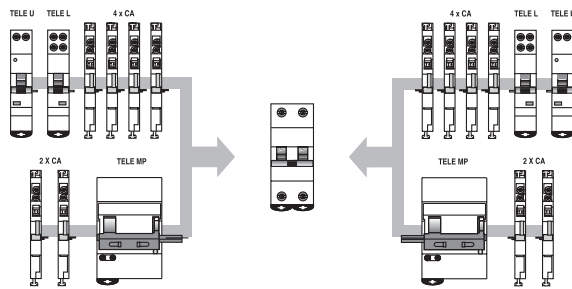
Series		Description	Voltage	Modules	Function	Cat. No.	Ref. No.		
Auxiliary contact CA									
Series G Series BP Series DM Diff-o-Click Aster		Auxiliary Contact H For monitoring the status of the protection device (Open/Close) independently if it has been actuated manually or automatically.		0.5	H	CA H	672567		
		Signal or Auxiliary Contact S/H For signalling the automatic tripping of the protection devices: - overload or short-circuit for MCB's - earth leakage tripping for RCD's		0.5	S/H	CA S/H	672568		
				0.5	S/H	CA S/H G*	672569		
							*golden contact		
Auxiliary contact CB									
		Signal or Auxiliary Contact S/H + Auxiliary Contact H Two change-over contacts that include both functions as described above (S/H+H)		0.5	SH/HH	CB SH/HH-R	672570		
				0.5	SH/HH	CB SH/HH-L	672571		
Shunt trip Tele L									
		Shunt Trip (Distance tripping by emission) For opening the device when it is fed locally or remotely	AC 24-60V - DC 24-48V	1	TL	TELE L-1	672573		
			AC110-415V - DC110-125V	1	TL	TELE L-2	672574		
Undervoltage release Tele U									
		Undervoltage Release For opening the device when the voltage goes lower than a certain value	AC 240V	1	TU	TELE U-230	672575		
			AC/DC 12V	1	TU	TELE U-12	672576		
			AC/DC 24V	1	TU	TELE U-24	672577		
			AC/DC 48V	1	TU	TELE U-48	672578		
Panel board switch PBS									
		Panel Board Switch For opening the main device when the panel frame is removed		0.5	PBS	PBS	672572		
Motor operator Tele MP									
Series Hti		Motor Operator Allows to switch on/off the devices from a distance	AC 230V	3	TM	Tele MP	672580		
		Auxiliary contacts							
		Auxiliary contact		0.5	H	Hti H	671597		
		Signal contact S + test + reset		0.5	S	Hti S	671598		
		Changeable auxiliary/signal contact		0.5	H/S	Hti H/S	671599		
Auxiliary contact and changeable auxiliary/signal contact		0.5	H+H/S	Hti HH/HS	671600				
Auxiliary contact and signal contact H + S + test + reset		0.5	H+S	Hti HSR	671602				
Shunt trip Tele L									
		Shunt Trip (Distance tripping by emission) For opening the device when it is fed locally or remotely	AC 110-415V DC 110-125V	1	TL	TELE L 110	624945		
			AC24-60V DC24-48V	1	TL	TELE L 24	624946		

Add-on devices

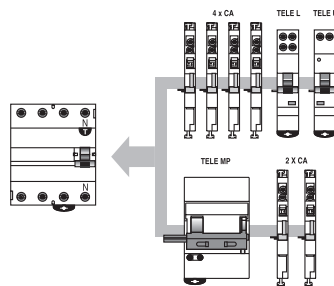


Series G	Series BP/DM	Series G+DOC	Aster	Series Hti
L-R	R	L	L-R	-
L-R	R	L	L-R	-
L-R	R	L	L-R	-
-	-	-	-	R
-	-	-	-	R
-	-	-	-	R
-	-	-	-	R
-	-	-	-	R
-	-	-	-	R
-	-	-	-	R
-	-	-	-	R

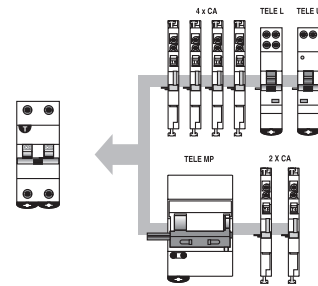
Miniature Circuit Breakers Series G



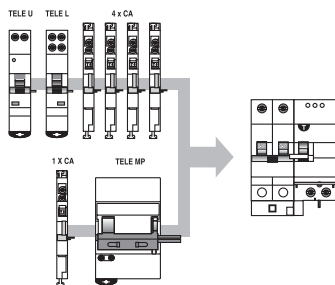
Residual Current Circuit Breakers (RCCB) Series BP/BD



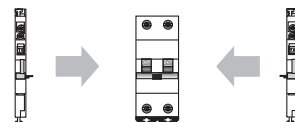
Residual Current Circuit Breakers (RCBO) With Overcurrent Protection Series DM



Miniature Current Breakers Series G + Diff-o-Click



Modular switches Aster

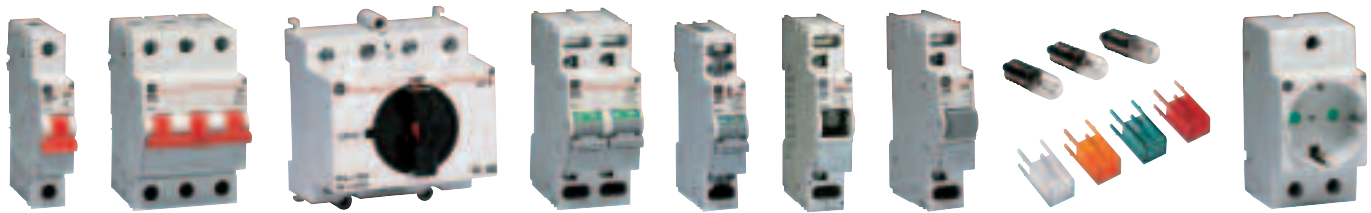


Notes

A large grid of red dots for taking notes, consisting of 20 columns and 40 rows.



Comfort Functions



ASTER - Switches & push-buttons

Mains disconnect switches

Nominal current	Contact combination	Modules	Ref. No.	Pack.
40A/240V	1NO	1	666614	12
40A/415V	2NO	2	666615	6
40A/415V	3NO	3	666616	4
40A/415V	4NO	4	666617	3
63A/240V	1NO	1	666562	12
63A/415V	2NO	2	666563	6
63A/415V	3NO	3	666564	4
63A/415V	4NO	4	666565	3
80A/240V	1NO	1	666566	12
80A/415V	2NO	2	666567	6
80A/415V	3NO	3	666568	4
80A/415V	4NO	4	666569	3
100A/240V	1NO	1	666558	12
100A/415V	2NO	2	666559	6
100A/415V	3NO	3	666560	4
100A/415V	4NO	4	666561	3

Rotary switches

Nominal current	Contact combination	Modules	Ref. No.	Pack.
32A/415V	2NO	4	666574	1
32A/415V	3NO	4	666575	1
32A/415V	4NO	4	666577	1
40A/415V	2NO	4	666578	1
40A/415V	3NO	4	666579	1
40A/415V	4NO	4	666581	1
63A/415V	2NO	4	666582	1
63A/415V	3NO	4	666583	1
63A/415V	4NO	4	666585	1
On request: 3NO+NC				

Accessories: Extension shaft

Description	Ref. No.	Pack.
238 mm with emergency handle	666555	1
238 mm with standard handle	666556	1

Accessories: Sealing piece

Description	Ref. No.	Pack.
	666557	1

Switches

Nominal current	Contact combination	Modules	Ref. No.	Pack.
16A/240V	1NO	1	666587	12
16A/240V	2NO	1	666589	12
16A/415V	3NO	1	666590	12
16A/415V	4NO	1	666593	12
16A/415V	3NO	2	666591	6
16A/415V	4NO	2	666592	6
32A/240V	1NO	1	666595	12
32A/240V	2NO	1	666597	12
32A/415V	3NO	1	666599	12
32A/415V	4NO	1	666600	12
32A/415V	3NO	2	666598	6
32A/415V	4NO	2	666601	6

Changeover switches

Nominal current	Contact combination	Modules	Ref. No.	Pack.
16A/240V	1CO	1	666586	12
16A/240V	2CO	1	666588	12
32A/240V	1CO	1	666594	12
32A/240V	2CO	1	666596	12

ASTER - Switches & push-buttons

Switches with lamp

Nominal current	Contact combination	Modules	Ref. No.	Pack.
16A/240V	1NO	1	666602	12
16A/240V	2NO	1	666603	12
32A/240V	1NO	1	666604	12
32A/240V	2NO	1	666605	12

Changeover switches with zero position

Nominal current	Contact combination	Modules	Ref. No.	Pack.
16A/240V	1CO	1	666606	12
16A/240V	2CO	1	666607	12
32A/240V	1CO	1	666608	12
32A/240V	2CO	1	666609	12

Push-buttons

Nominal current	Contact combination	Modules	Ref. No.	Pack.
16A/240V	1NC	1	666570	12
16A/240V	1NO	1	666571	12
16A/240V	1NO 1NC	1	666572	12

Push-buttons with signal lamp

Nominal current	Contact combination	Modules	Ref. No.	Pack.
16A/240V	1NO	1	666573	12

ASTER - Indication lamps

Lampholder

Nominal operating voltage	Colour	Modules	Ref. No.	Pack.
-	-	1	666347	12

Accessories: Lamp

Voltage	Colour	Modules	Ref. No.	Pack.
12V	-	-	666340	12
24V	-	-	666342	12
230V	-	-	666341	12

Accessories: Lens

Colour	Modules	Ref. No.	Pack.
Transparent	-	666343	12
Green	-	666344	12
Orange	-	666345	12
Red	-	666346	12

MSC - Socket-outlets

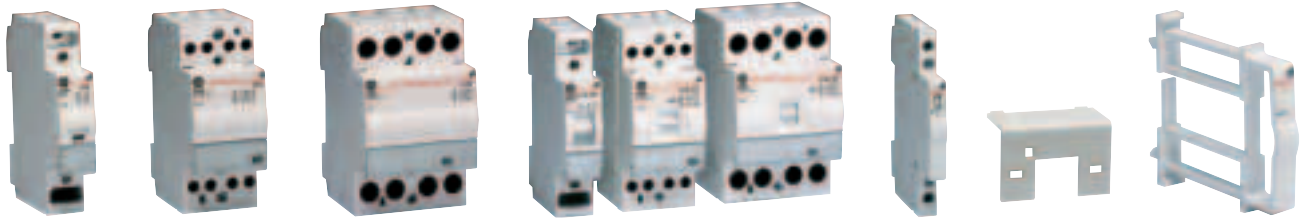
Edged with child protection

Nominal current	Nominal voltage	Modules	Ref. No.	Pack.
16A	250V	2.5	666501	4
16A	250V	2.5	666499	4

Pin with child protection

Nominal current	Nominal voltage	Modules	Ref. No.	Pack.
16A	250V	2.5	666502	4

Comfort Functions



CONTAX - Contactors

Contactors

Nominal current	Contact comb.	Coil voltage	AC/DC	Modules	Ref. No.	Pack.
20A	1NO 1NC	24V	AC	1	666127	12
20A	1NO 1NC	230V	AC	1	666126	12
20A	2NC	24V	AC	1	666129	12
20A	2NC	230V	AC	1	666128	12
20A	2NO	12V	AC	1	666130	12
20A	2NO	24V	AC	1	666133	12
20A	2NO	48V	AC	1	666134	12
20A	2NO	230V	AC	1	666131	12
20A	2NO	240V	AC	1	666132	12
24A	2NO 2NC	24V	AC/DC	2	666136	5
24A	2NO 2NC	230V	AC/DC	2	666135	5
24A	3NO	24V	AC/DC	2	666138	5
24A	3NO	230V	AC/DC	2	666137	5
24A	4NC	24V	AC/DC	2	666140	5
24A	4NC	230V	AC/DC	2	666139	5
24A	4NO	12V	AC/DC	2	666141	5
24A	4NO	24V	AC/DC	2	666144	5
24A	4NO	48V	AC/DC	2	666145	5
24A	4NO	230V	AC/DC	2	666142	5
24A	4NO	240V	AC/DC	2	666143	5
40A	2NC	230V	AC/DC	3	666170	3
40A	2NO	230V	AC/DC	3	666146	3
40A	3NO	24V	AC/DC	3	666149	3
40A	3NO	230V	AC/DC	3	666148	3
40A	4NO	12V	AC/DC	3	666150	3
40A	4NO	24V	AC/DC	3	666153	3
40A	4NO	48V	AC/DC	3	666154	3
40A	4NO	230V	AC/DC	3	666151	3
40A	2NO	24V	AC/DC	3	666147	3
40A	4NO	240V	AC/DC	3	666152	3
63A	2NC	230V	AC/DC	3	666171	3
63A	4NO	24V	AC/DC	3	666158	3
63A	4NO	230V	AC/DC	3	666156	3
63A	2NO	230V	AC/DC	3	666155	3
63A	4NO	240V	AC/DC	3	666157	3

Contactors Day and Night

20A	2NO	230V	AC	1	666164	12
24A	3NO	230V	AC/DC	2	666165	5
24A	4NO	230V	AC/DC	2	666166	5
40A	2NO	230V	AC/DC	3	666167	3
40A	3NO	230V	AC/DC	3	666168	3
40A	4NO	230V	AC/DC	3	666169	3

Add-on auxiliary contact for 24-40-63A contactors - left mounting

6A	1NO 1NC	-	-	0.5	666162	5
6A	2NO	-	-	0.5	666163	5

Accessories: Sealing piece

				2	666160	3
				3	666159	3

Accessories: Spacer

				0.5	666161	12
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CONTAX - Relays

Relays

Normal current	Contact comb.	Coil voltage	AC/DC	Modules	Ref. No.	Pack.
16A	1NO	8V	AC	1	666489	12
16A	1NO	12V	AC	1	666454	12
16A	1NO	24V	AC	1	666458	12
16A	1NO	48V	AC	1	666460	12
16A	1NO	230V	AC	1	666456	12
16A	1NO	12V	DC	1	666455	12
16A	1NO	24V	DC	1	666459	12
16A	1NO 1NC	8V	AC	1	666491	12
16A	1NO 1NC	12V	AC	1	666461	12
16A	1NO 1NC	24V	AC	1	666465	12
16A	1NO 1NC	48V	AC	1	666467	12
16A	1NO 1NC	230V	AC	1	666463	12
16A	1NO 1NC	12V	DC	1	666462	12
16A	1NO 1NC	24V	DC	1	666466	12
16A	2NO	8V	AC	1	666490	12
16A	2NO	12V	AC	1	666468	12
16A	2NO	24V	AC	1	666472	12
16A	2NO	48V	AC	1	666474	12
16A	2NO	230V	AC	1	666470	12
16A	2NO	12V	DC	1	666469	1
16A	2NO	24V	DC	1	666473	12
16A	2NO 2NC	8V	AC	2	666492	1
16A	2NO 2NC	12V	AC	2	666475	5
16A	2NO 2NC	24V	AC	2	666479	5
16A	2NO 2NC	48V	AC	2	666481	5
16A	2NO 2NC	230V	AC	2	666477	5
16A	2NO 2NC	12V	DC	2	666476	1
16A	2NO 2NC	24V	DC	2	666480	5
16A	4NO	8V	AC	2	666493	5
16A	4NO	12V	AC	2	666482	6
16A	4NO	24V	AC	2	666486	6
16A	4NO	48V	AC	2	666488	6
16A	4NO	230V	AC	2	666484	6
16A	4NO	12V	DC	2	666483	6
16A	4NO	24V	DC	2	666487	6

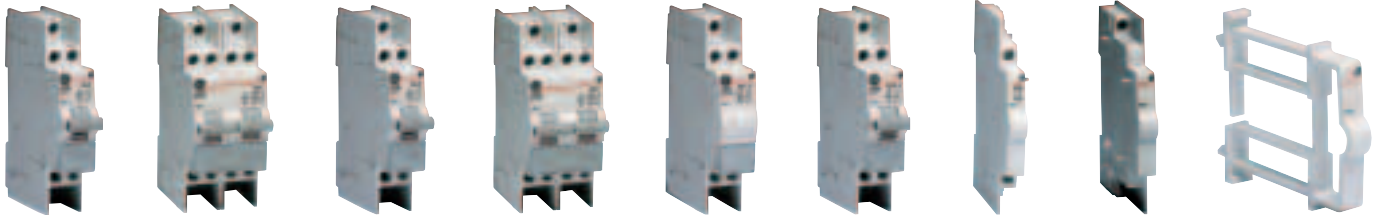
Auxiliary contact - left mounting

4A				0.5	666207	12
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Accessories: Spacer

-				0.5	666206	12
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Comfort Functions



PULSAR S - Impulse switches

Electromechanical

Normal current	Contact combination	Coil voltage	AC/DC	Modules	Ref. No.	Pack.
16A	1NO	8V	AC	1	666330	12
16A	1NO	12V	AC	1	666210	12
16A	1NO	24V	AC	1	666214	12
16A	1NO	48V	AC	1	666216	12
16A	1NO	230V	AC	1	666212	12
16A	1NO	12V	DC	1	666211	12
16A	1NO	24V	DC	1	666215	12
16A	1NO 1NC	8V	AC	1	666332	12
16A	1NO 1NC	12V	AC	1	666217	12
16A	1NO 1NC	24V	AC	1	666221	12
16A	1NO 1NC	48V	AC	1	666223	12
16A	1NO 1NC	230V	AC	1	666219	12
16A	1NO 1NC	12V	DC	1	666218	12
16A	1NO 1NC	24V	DC	1	666222	12
16A	2NO	8V	AC	1	666331	12
16A	2NO	12V	AC	1	666224	12
16A	2NO	24V	AC	1	666228	12
16A	2NO	48V	AC	1	666230	12
16A	2NO	230V	AC	1	666226	12
16A	2NO	12V	DC	1	666225	12
16A	2NO	24V	DC	1	666229	12
16A	2NO 2NC	8V	AC	2	666333	6
16A	2NO 2NC	12V	AC	2	666231	6
16A	2NO 2NC	24V	AC	2	666235	6
16A	2NO 2NC	48V	AC	2	666237	6
16A	2NO 2NC	230V	AC	2	666233	6
16A	2NO 2NC	12V	DC	2	666232	6
16A	2NO 2NC	24V	DC	2	666236	6
16A	4NO	8V	AC	2	666334	6
16A	4NO	12V	AC	2	666238	6
16A	4NO	24V	AC	2	666242	6
16A	4NO	48V	AC	2	666244	6
16A	4NO	230V	AC	2	666240	6
16A	4NO	12V	DC	2	666239	6
16A	4NO	24V	DC	2	666243	6
25A	1NO	12V	AC	1	666245	12
25A	1NO	24V	AC	1	666249	12
25A	1NO	48V	AC	1	666251	12
25A	1NO	230V	AC	1	666247	12
25A	1NO	12V	DC	1	666246	12
25A	1NO	24V	DC	1	666250	12
25A	2NO	12V	AC	1	666252	12
25A	2NO	24V	AC	1	666256	12
25A	2NO	48V	AC	1	666258	12
25A	2NO	230V	AC	1	666254	12
25A	2NO	12V	DC	1	666253	12
25A	2NO	24V	DC	1	666257	12
25A	4NO	12V	AC	2	666259	6
25A	4NO	24V	AC	2	666263	6
25A	4NO	48V	AC	2	666265	6
25A	4NO	230V	AC	2	666261	6
25A	4NO	12V	DC	2	666260	6
25A	4NO	24V	DC	2	666264	6

Electromechanical - Step-by-step / Multi-circuit

16A	1NO 1NO	12V	AC	1	666316	12
16A	1NO 1NO	24V	AC	1	666319	12
16A	1NO 1NO	48V	AC	1	666320	12
16A	1NO 1NO	230V	AC	1	666317	12

PULSAR S - Impulse switches

Electronic central command

Normal current	Contact combination	Coil voltage	AC/DC	Modules	Ref. No.	Pack.
10A	1NO	230V	AC/DC	1	666322	12
10A	1NO 1NC	230V	AC/DC	1	666325	12
10A	2NO	230V	AC/DC	1	666328	12

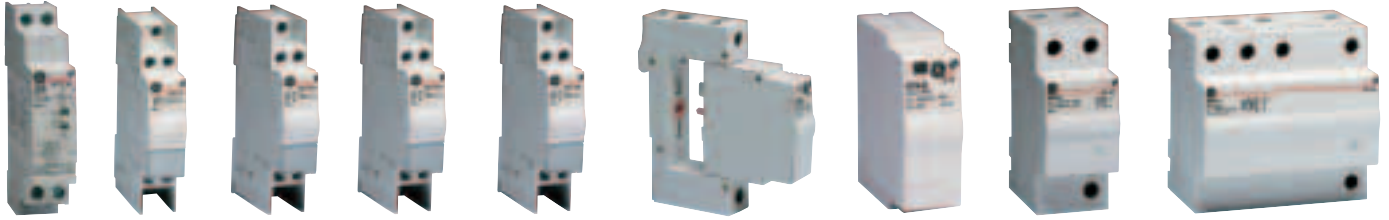
Add-on modules for electromechanical switches - left mounting

4A	1NO 1NC	-	-	0.5	666207	12
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Accessories: Spacer

				0.5	666206	12
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Comfort Functions



PULSAR TS - Staircase switches

Electromechanical

Delay	Nominal current	Contact combin.	Operating voltage	Modules	Ref. No.	Pack.
0.5...12 min.	16A/250V	1NO	230V	1	666510	12

Electronic with Flasher

Delay	Nominal current	Contact combin.	Operating voltage	Modules	Ref. No.	Pack.
0.5...12 min.	16A/250V	1NO	230V	1	666518	1

PULSAR T - Time relays

Delay On

Switching capacity	Contact combination	Operating voltage	AC/DC	Modules	Ref. No.	Pack.
10A/250V	1CO	12 ... 230V	AC/DC	1	666622	12

Delay Off

Switching capacity	Contact combination	Operating voltage	AC/DC	Modules	Ref. No.	Pack.
10A/250V	1CO	12 ... 230V	AC/DC	1	666621	12

Delay On/Off

Switching capacity	Contact combination	Operating voltage	AC/DC	Modules	Ref. No.	Pack.
10A/250V	1CO	12 ... 230V	AC/DC	1	666627	12

Positive edge single shot

Switching capacity	Contact combination	Operating voltage	AC/DC	Modules	Ref. No.	Pack.
10A/250V	1CO	12 ... 230V	AC/DC	1	666625	12

Negative edge single shot

Switching capacity	Contact combination	Operating voltage	AC/DC	Modules	Ref. No.	Pack.
10A/250V	1CO	12 ... 230V	AC/DC	1	666624	12

Symmetrical flasher

Switching capacity	Contact combination	Operating voltage	AC/DC	Modules	Ref. No.	Pack.
10A/250V	1CO	12 ... 230V	AC/DC	1	666620	12

Multifunction

Switching capacity	Contact combination	Operating voltage	AC/DC	Modules	Ref. No.	Pack.
10A/250V	1CO	12 ... 230V	AC/DC	1	666623	12

Surgeguard - Surge arresters

CLASS 2 - Single pole plug-in - Plug and base

I _{MAX}	I _N	U _p (L-PE)	U _p (L-N)	U _n	Phase	Aux. contact	Mod.	Ref. No.	Pack.
20kA	5kA	960V	-	230V	1	-	1	666545	1
20kA	5kA	1580V	-	400V	1	-	1	666546	1
45kA	10kA	1000V	-	230V	1	-	1	666547	1
45kA	10kA	1000V	-	230V	1	1CO	1	666537	1
45kA	10kA	2100V	-	400V	1	-	1	666548	1
45kA	10kA	2100V	-	400V	1	1CO	1	666539	1
65kA	20kA	1200V	-	230V	1	-	1	666549	1
65kA	20kA	1200V	-	230V	1	1CO	1	666542	1
65kA	20kA	1950V	-	400V	1	-	1	666551	1
65kA	20kA	1950V	-	400V	1	1CO	1	666544	1
40kA	20kA	1500V	-	230V	1	1CO	1		1

* N-PE Surge arrester

CLASS 2 - Replacement module (plug only)

I _{MAX}	I _N	U _p (L-PE)	U _p (L-N)	U _n	Phase	Aux. contact	Mod.	Ref. No.	Pack.
20kA	5kA	960kA	-	230V	1	-	1	666534	1
20kA	5kA	1580kA	-	400V	1	-	1	666535	1
45kA	10kA	1000kA	-	230V	1	-	1	666536	1
45kA	10kA	2100kA	-	400V	1	-	1	666538	1
65kA	20kA	1200kA	-	230V	1	-	1	666541	1
65kA	20kA	1950kA	-	400V	1	-	1	666543	1
40kA	20kA	1500kA	-	230V	1	-	1	666553*	1

CLASS 2 - Multi pole monoblock

I _{MAX}	I _N	U _p (L-PE)	U _p (L-N)	U _n	Phase	Aux. contact	Mod.	Ref. No.	Pack.
20kA	5kA	960V	990V	230V	1+N	-	2	666525	1
45kA	10kA	1000V	990V	230V	1+N	-	2	666527	1
20kA	5kA	960V	990V	400V	3+N	-	5	666526	1
45kA	10kA	1000V	990V	400V	3+N	1CO	5	666530	1
45kA	10kA	1000V	990V	400V	3+N	-	5	666529	1
80kA	20kA	1200V	990V	400V	3+N	1CO	5	666533	1

Accessories: Decoupling coil

I _N	Phase	Modules	Ref. No.	Pack.
35A	1	2	545879	1
40A	1	2	666532	1
63A	1	4	545857	1

Accessories: Sine wave tracker

Phase	Modules	Ref. No.	Pack.
-	1	666524	1

CLASS 1 - Single-Multi pole monoblock

I _{imp}	I _N	U _p	Phase	Mod.	Ref. No.	Pack.
50kA	-	4kV	1	2	560174	1
100kA	-	4kV	3	4	560186	1
100kA	-	4kV	1	2	544331*	1

* N-PE Lighting current arresters

Comfort Functions



CLASSIC - Analogue time switches

Net synchronised - Day programmable*

Program	Chan.	Operating voltage	Run. res.	Shortest switch time	Fix on/off auto	Mod.	Ref. No.
1x24x2	1NO	220 ... 240V 50Hz	-	30min.	Not "OFF"	1	666111
1x24x2	1CO	220 ... 240V 50Hz	-	30min.	yes	3	666112
1x24x4	1CO	230V 50Hz	-	15min.	yes	3	666113

Net synchronised - Week programmable*

Program	Chan.	Operating voltage	Run. res.	Shortest switch time	Fix on/off auto	Mod.	Ref. No.
7x24/3	1CO	220 ... 240V 50Hz	-	3h	yes	3	666114
7x24/2	1CO	230V 50Hz	-	2h	yes	3	666115

Quartz synchronised - Day programmable*

Program	Chan.	Operating voltage	Run. res.	Shortest switch time	Fix on/off auto	Mod.	Ref. No.
1x24x2	1NO	130VDC/ 230V	50h	30min.	Not "OFF"	1	666105
1x24x2	1CO	130VDC/ 230V	150h	30min.	yes	3	666104
1x24x4	1CO	230V	30h	15min.	yes	3	666106

Quartz synchronised - Week programmable*

Program	Chan.	Operating voltage	Run. res.	Shortest switch time	Fix on/off auto	Mod.	Ref. No.
7x24/3	1CO	130VDC/ 230V	150h	3h	yes	3	666109
7x24/3	1CO	230V	300h	2h	yes	3	666110

Quartz synchronised - Day-Day programmable*

Program	Chan.	Operating voltage	Run. res.	Shortest switch time	Fix on/off auto	Mod.	Ref. No.
1x24x2 + 1x24x2	2CO	130VDC/ 230V	150h	30/30min.	yes	6	666103

Quartz synchronised - Day-Week programmable*

Program	Chan.	Operating voltage	Run. res.	Shortest switch time	Fix on/off auto	Mod.	Ref. No.
1x24x2 + 7x24/3	2CO	130VDC/ 230V	150h	30min./3h	yes	6	666108

Accessories: Surface mount set

Accessories	Mod.	Ref. No.
	1	666100
	3	666101
	6	666102

* Switching capacity: 16A/250V - Pack.: 1

GALAX - Digital time switches

Quartz synchronised: Day programmable*

Program	Chan.	Operating voltage	Run. res.	Shortest switch time	Prog. steps	Mod.	Ref. No.
1x24x60	1CO	220 ... 240V	3yr	1min.	12	2	666186

Quartz synchronised: Day/Week programmable*

Program	Chan.	Operating voltage	Run. res.	Shortest switch time	Prog. steps	Mod.	Ref. No.
7x24x60	1CO	220 ... 240V	150h	1min.	42	1	666187
7x24x60	1CO	220 ... 240V	3yr	1min.	20	2	666188
7x24x60	2CO	220 ... 240V	3yr	1min.	30	2	666190
7x24x60	1CO	220 ... 240V	3yr	1s.	30	2	666189
7x24x60	2CO	220 ... 240V	3yr	1s.	40	2	666191
7x24x3600	2CO	220 ... 240V	6yr	1s.	400	6	666192
7x24x3600	4CO	220 ... 240V	6yr	1s.	400	6	666193

Quartz synchronised: Day/Week/Year programmable*

Program	Chan.	Operating voltage	Run. res.	Shortest switch time	Prog. steps	Mod.	Ref. No.
365x24x3600	2CO	220 ... 240V	6yr	1s.	400	6	666194
365x24x3600	4CO	220 ... 240V	6yr	1s.	400	6	666195

Accessories: Battery

Accessories	Mod.	Ref. No.
for 6 module devices	-	666180

Accessories: DCF-77 antenna

Accessories	Mod.	Ref. No.
for year programmable time switches	-	666181

Accessories: Programming tools

Accessories	Mod.	Ref. No.
for 6 module devices	-	666182

Accessories: Surface mount set

Accessories	Mod.	Ref. No.
	1	666100
	3	666101
	6	666102

* Switching capacity: 16A/250V - Pack.: 1



Comfort Functions



GALAX LSS - Light sensitive switches

DIN rail mounting, separate photocell included

Program	Channels	Nominal current	Operating voltage	Modules	Ref. No.	Pack.
2 ... 500 lux	1NO	16A/250V	230V	1	666361	1
2 ... 500 lux	2CO	16A/250V	230V	3	666362	1

Wall mounting, photocell incorporated

Program	Channels	Nominal current	Operating voltage	Modules	Ref. No.	Pack.
2 ... 2000 lux	1NO	16A/250V	230V	-	666364	1

GALAX - Light sensitive switches with digital clock

DIN rail mounting, separate photocell included with digital clock*

Program	Channels	Operating voltage	Running reserve	Shortest switch time	Prog. steps	Mod.	Ref. No.	Pack.
2 ... 500 lux & 7x24x60	1CO	230V	3yr	1 min.	30	3	666363	1

Accessories: Photocell (spare part)

Ref. No.	Pack.
- 666358	1

Accessories: Surface mount set

Ref. No.	Pack.
1 666100	1
3 666101	1

* Switching capacity: 16A/250V - Pack.: 1

Series PR

Priority relays

Output number	Modules	Contact	Ref. No.	Pack.
1	2	1NO	666445	1
1	2	1NC	666446	1

Control and sequence phase relays

Functions number	Modules	Contact	Ref. No.	Pack.
4	3	1CO	666433	1
2	3	1CO	666690	1

Series T - Transformers

Bell transformers

Output power	Secondary voltages	Primary voltage	Modules	Ref. No.	Pack.
5VA	8/12V	220..240V	2	666638	1
8VA	12/24V	220..240V	2	666650	1
10VA	8/12V	220..240V	2	666636	1
15VA	8/12V	220..240V	2	666637	1
16VA	12/24V	220..240V	2	666651	1
30VA	12/24V	220..240V	2	666652	1

Bell transformer Integrated on-off switch

Output power	Secondary voltages	Primary voltage	Modules	Ref. No.	Pack.
8VA	8/12V	220..240V	2	666640	1

Safety transformers

Output power	Secondary voltages	Primary voltage	Modules	Ref. No.	Pack.
15VA	12/24V	220..240V	3	666641	1
25VA	12/24V	220..240V	4	666642	1
40VA	12/24V	220..240V	4	666643	1
63VA	12/24V	220..240V	6	666644	20

Buzzers

Primary voltage	Secondary voltage	Modules	Ref. No.	Pack.
220..240V	12V	1	666629	12
220..240V	12V	1	666630	12

Bells

Primary voltage	Secondary voltage	Modules	Ref. No.	Pack.
220..240V	12V	1	666632	12
220..240V	12V	1	666633	12



Comfort Functions



Series MT - Analogue measurement instruments

Volt meter

Scale	Accuracy	Phases	Modules	Ref. No.	Pack.
300V	1.5	1	3	666417	1
500V	1.5	1	3	666418	1

Ampere meter

	Accuracy	Phases	Modules	Ref. No.	Pack.
-	1.5	1	3	666414	1
5A	1.5	1	3	666413	1
10A	1.5	1	3	666408	1
15A	1.5	1	3	666409	1
20A	1.5	1	3	666410	1
25A	1.5	1	3	666411	1
30A	1.5	1	3	666412	1

Frequency meter

	Accuracy	Phases	Modules	Ref. No.	Pack.
45 ... 65Hz	0.5	1	3	666415	1

Hour counter

	Accuracy	Phases	Modules	Ref. No.	Pack.
230V/50Hz	-	1	2	666416	1
230V/50Hz	-	1	2	666431	1
24V/50Hz	-	1	2	666432	1

Series MT - Digital measurement instruments

Volt meter

Scale	Accuracy	Phases	Modules	Ref. No.	Pack.
600V	0.5 ± 1 dig	1	3	666427	1

Ampere meter

	Accuracy	Phases	Modules	Ref. No.	Pack.
5A	0.5 ± 1 dig	1	3	666420	1
25A	0.5 ± 1 dig	1	3	666419	1

Frequency meter

	Accuracy	Phases	Modules	Ref. No.	Pack.
40 ... 80Hz	0.5 ± 1 dig	1	3	666424	1

Watt meter

	Accuracy	Phases	Modules	Ref. No.	Pack.
9.999kW	1.5	1	3	666428	1
999.9kW	1.5	1	3	666429	1
999.9kW	1.5	3	6	666430	1

Energy meter

	Accuracy	Phases	Modules	Ref. No.	Pack.
30A	1.5	1	3	666421	1
30A	1.5	1	3	666422	1
5A	1.5	3	6	666423 ⁽¹⁾	1

Net analyser (Windows 95 software included)

	Accuracy	Phases	Modules	Ref. No.	Pack.
5A	1	1	8	666425	1
5A	1	3	8	666426	1

Multimeter

	Accuracy	Phases	Modules	Ref. No.	Pack.
5A (x/5A)	1	3	6	666436	1

(1) Only for net 3P+N

Series MT - Current transformer

Current Transformer

Scale	Accuracy	Phases	Modules	Ref. No.	Pack.
40/5A	3			666381	1
50/5A	3			666383	1
60/5A	3			666385	1
80/5A	3			666387	1
100/5A	1			666375	1
150/5A	1			666377	1
200/5A	1			666378	1
250/5A	0.5			666379	1
300/5A	0.5			666380	1
400/5A	0.5			666382	1
500/5A	0.5			666384	1
600/5A	0.5			666386	1
800/5A	0.5			666388	1
1000/5A	0.5			666376	1
1200/5A	0.5			666677	1
1500/5A	0.5			666678	1
2000/5A	0.5			666679	1

Interchangeable Ammeter scaleplates

	Accuracy	Phases	Modules	Ref. No.	Pack.
40/5A	-			666395	10
50/5A	-			666397	10
60/5A	-			666399	10
80/5A	-			666401	10
100/5A	-			666389	10
150/5A	-			666391	10
200/5A	-			666392	10
250/5A	-			666393	10
300/5A	-			666394	10
400/5A	-			666396	10
500/5A	-			666398	10
600/5A	-			666400	10
800/5A	-			666402	10
1000/5A	-			666390	10

Accessories: RS485 to RS232 signal converter

	Accuracy	Phases	Modules	Ref. No.	Pack.
			2	666404	1

Accessories: Selector switch

	Accuracy	Phases	Modules	Ref. No.	Pack.
Amperage		3	3	666405	1
Voltage		3	3	666406	1

Ref. No.	Page	Ref. No.	Page	Ref. No.	Page	Ref. No.	Page
675083	11	675194	12	675289	13	675397	13
675084	11	675195	12	675291	13	675399	13
675085	11	675196	12	675293	13	675401	13
675087	11	675197	12	675294	13	675402	13
675088	11	675198	12	675295	13	675403	13
675089	11	675200	12	675296	13	675404	13
675090	11	675201	12	675297	13	675405	13
675091	11	675202	12	675298	13	675406	13
675092	11	675203	12	675299	13	675407	13
675093	11	675204	12	675300	13	675408	13
675094	11	675205	12	675301	13	675409	13
675095	11	675206	12	675302	13	675410	13
675112	12	675207	12	675304	13	675412	13
675113	12	675208	12	675305	13	675413	13
675114	12	675209	12	675307	13	675415	13
675115	12	675211	12	675309	13	675417	13
675116	12	675212	12	675310	13	675418	13
675117	12	675213	12	675311	13	675419	13
675119	12	675214	12	675312	13	675420	13
675120	12	675215	12	675313	13	675421	13
675121	12	675216	12	675314	13	675422	13
675122	12	675217	12	675315	13	675423	13
675123	12	675218	12	675316	13	675424	13
675124	12	675219	12	675317	13	675425	13
675125	12	675220	12	675318	13	675426	13
675126	12	675221	12	675320	13	675428	13
675127	12	675222	12	675321	13	675429	13
675128	12	675223	12	675323	13	675431	13
675129	12	675224	12	675325	13	675433	13
675130	12	675225	12	675326	13	675434	13
675131	12	675227	12	675327	13	675435	13
675132	12	675228	12	675328	13	675436	13
675133	12	675229	12	675329	13	675437	13
675135	12	675230	12	675330	13	675438	13
675136	12	675231	12	675331	13	675439	13
675137	12	675232	12	675332	13	675440	13
675138	12	675233	12	675333	13	675441	13
675139	12	675234	12	675334	13	675442	13
675140	12	675235	12	675336	13	675444	13
675141	12	675236	12	675337	13	675445	13
675142	12	675237	12	675339	13	675447	13
675143	12	675238	12	675341	13	675449	13
675144	12	675239	12	675342	13	675450	13
675145	12	675240	12	675343	13	675451	13
675146	12	675241	12	675344	13	675452	13
675147	12	675243	12	675345	13	675453	13
675148	12	675244	12	675346	13	675454	13
675149	12	675245	12	675347	13	675455	13
675151	12	675246	12	675348	13	676...	
675152	12	675247	12	675350	13	676702	6
675153	12	675248	12	675352	13	676703	6
675154	12	675249	12	675353	13	676704	6
675155	12	675250	12	675354	13	676705	6
675156	12	675251	12	675355	13	676706	6
675157	12	675252	12	675356	13	676707	6
675158	12	675253	12	675357	13	676708	6
675159	12	675254	12	675358	13	676709	6
675160	12	675255	12	675359	13	676713	6
675161	12	675256	12	675361	13	676714	6
675162	12	675257	12	675363	13	676715	6
675163	12	675259	12	675364	13	676716	6
675164	12	675260	12	675365	13	676717	6
675165	12	675261	12	675366	13	676718	6
675167	12	675262	12	675367	13	676719	6
675168	12	675263	12	675368	13	676720	6
675169	12	675264	12	675369	13	676722	6
675170	12	675265	12	675370	13	676723	6
675171	12	675266	12	675372	13	676724	6
675172	12	675267	12	675374	13	676725	6
675173	12	675268	12	675375	13	676726	6
675174	12	675269	12	675376	13	676727	6
675175	12	675270	12	675377	13	676731	6
675176	12	675271	12	675378	13	676732	6
675178	12	675272	12	675379	13	676733	6
675179	12	675273	12	675380	13	676734	6
675180	12	675275	12	675381	13	676735	6
675181	12	675276	12	675383	13	676736	6
675182	12	675277	12	675385	13	676737	6
675183	12	675278	12	675386	13	676738	6
675184	12	675279	12	675387	13	676740	6
675185	12	675280	12	675388	13	676741	6
675186	12	675281	12	675389	13	676742	6
675187	12	675282	12	675390	13	676743	6
675189	12	675283	12	675391	13	676744	6
675190	12	675284	13	675392	13	676745	6
675191	12	675285	13	675393	13		
675192	12	675286	13	675394	13		
675193	12	675288	13	675396	13		

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GE imagination at work