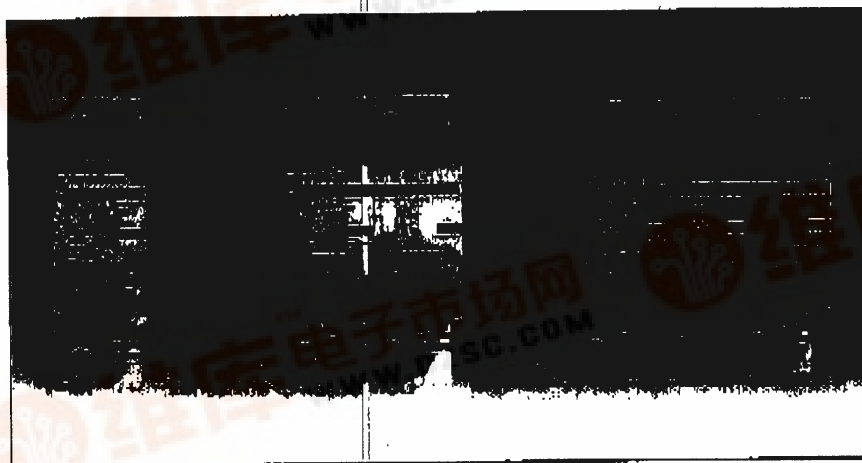


NC100C/NC100D miniature circuit breakers
IEC 947-2

36000A/10000A

716 6072.

For panel mounting on symmetrical DIN rail**Applications**

Protection and control of circuits against overloads and short circuits.

- In commercial and industrial electrical distribution systems, particularly those with very high short circuit fault levels.

Technical data

- **Current ratings:** IEC 947-2
10-100 Amps at 40° C
- **Voltage ratings:** 240/415V AC
- **Breaking capacity:** IEC 947-2 (Icu)

Rating (A)	Poles	Voltage (VAC)	Breaking capacity (A)
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10-63	1P	240	36000
80-100	1P	240	10000
10-63	2P/3P/4P	415	36000
80-100	2P/3P/4P	415	10000

note: Ics = 75% of Icu

NC100C (5 to 10 In)

36kA (LS)	Part No.	2P	3P	4P
Ratings (A)	1P			
10	27377	27388	27399	27410
16	27378	27389	27400	27411
20	27379	27390	27401	27412
25	27380	27391	27402	27413
32	27381	27392	27403	27414
40	27382	27393	27404	27415
50	27383	27394	27405	27416
63	27384	27395	27406	27417
10kA (H)				
80	27253	27264	27275	27286
100	27254	27265	27276	27287

NC100D (10 to 14 In)

36kA (LS)	Part No.	2P	3P	4P
Ratings (A)	1P			
10	27421	27432	27443	27454
16	27422	27433	27444	27455
20	27423	27434	27445	27456
25	27424	27435	27446	27457
32	27425	27436	27447	27458
40	27426	27437	27448	27459
50	27427	27438	27449	27460
63	27428	27439	27450	27461
10kA (H)				
80	27297	27308	27319	27330
100	27298	27309	27320	27331

- **Specification Information for NC100C/NC100D:** for motor applications, DC applications, de-rating and 400Hz, see technical data section page 173.

- **Tripping characteristics:**

NC100C: magnetic setting between 5 and 10 In (for general industrial and commercial installations)

NC100D: magnetic setting between 10 and 14 In (for applications with high inrush currents, eg transformers, motors, certain lighting systems etc).

- **Cable capacity:**

Tunnel terminals 1-63A = 35mm²80-100A = 50mm²

- **Number of operating cycles**

(O-C): on load 20,000

- **Operating temperature:**

-30 to +70°C

- **Width in 9mm modules**

1P	2P	3P	4P
3	6	9	12

- **Weight (g)**

1P	2P	3P	4P
180	360	540	720

- **Lloyds approval to IEC 947 2**

Installation panel mounting on symmetrical DIN rail.

Not suitable for MGA or MGB boards.

- **Identification system**

All NC100 MCB's can accept up to a total of 4 marking accessories on each of their poles. The following symbols are available:

Blank, 1-9, +, -, and A-Z.

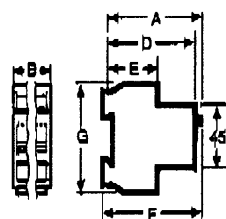
Refer to Telemecanique 01203

Electrical auxiliaries
Accessories
Add-on earth leakage
Dimensions

see page 52.
see page 53.
see page 67.
see page 152.



Dimensions



Part no.	Description	Width in 9mm modules	A	B 1P	B 2P	B 3P	B 4P	D	E	F	G
16020	CT2000 contactor	2		18				65	49		81
16022	CT2000 contactor	4			36			65	49		81
16023	CT2000 contactor	4			36			65	49		81
16024	CT2000 contactor	4			36			65	49		81
16025	CT2000 contactor	6				54		65	49		81
16026	CT2000 contactor	6				54		65	49		81
16050	Time delay relay	2	60	18				60	49		81
16051	Time delay relay	2	60	18				60	49		81
16052	Time delay relay	2	60	18				60	49		81
16053	Time delay relay	2	60	18				60	49		81
16054	Time delay relay	2	60	18				60	49		81
27062	Contacteur spacer	1		9				65	49		81
15531	Impulse relay	2	64		18			64	44	69	81
15532	Impulse relay	2	64		18			64	44	69	81
15533	Impulse relay	2	64		18			64	44	69	81
15534	Impulse relay	2	64		18			64	44	69	81
15535	Impulse relay	2	64		18			64	44	69	81
15536	Impulse relay	2	64		18			64	44	69	81
15537	Impulse relay	2	64		18			64	44	69	81
15538	Impulse relay	2	64		18			64	44	69	81
15539	Impulse relay	2	64		18			64	44	69	81
15540	Impulse relay	2	64		18			64	44	69	81
15541	Impulse relay	2	64		18			64	44	69	81
15542	Impulse relay	2	64		18			64	44	69	81
15840	Thermostat TH6	8	63	72				60	30	68	79
15841	Thermostat TH3	8	63	72				60	30	68	79
15906	Load shedding relay	16	62	144				62	40	68	77
15908	Load shedding relay	10	62	90				62	40	68	77
15913	Load shedding relay	16	62			144		62	40	68	77
18308	Contacteur auxilliary	2	60	18				60	44	65	81
18309	Contacteur auxilliary	2	60	18				60	44	65	81
21116	Auxiliary switch	1		9				60	44	65	81
21117	Auxiliary switch	1		9				60	44	65	81
21118	Auxiliary switch	1		9				60	44	65	81
21119	Auxiliary switch	1		9				60	44	65	81
21120	Auxiliary switch	1		9				60	44	65	81
21121	Auxiliary switch	1		9				60	44	65	81
21127	Shunt trip	2		18				60	44	65	81
21128	Shunt trip	2		18				60	44	65	81
21129	Undervoltage release	1		9				60	44	65	81
21130	Undervoltage release	1		9				60	44	65	81
26923	Auxiliary switch	1		9				60	44	76	81
26924	Auxiliary switch	1		9				60	44	76	81
26927	Auxiliary switch	1		9				60	44	76	81
26946	Shunt trip	2		18				60	44	76	81
26947	Shunt trip	2		18				60	44	76	81
26948	Shunt trip	2		18				60	44	76	81
26960	Under voltage release	2		18				60	44	76	81
26961	Under voltage release	2		18				60	44	76	81
26962	Under voltage release	2		18				60	44	76	81
27132	Auxiliary switch	1		9				60	44	76	81
27135	Alarm switch	1		9				60	44	78	81
27136	Shunt trip	2		18				60	44	78	81
27137	Shunt trip	2		18				60	44	76	81
27138	Shunt trip	2		18				60	44	76	81
27140	Under voltage release	2		18				60	44	76	81
27143	Under voltage release	2		18				60	44	76	81
C60 + any code	Miniature circuit breakers	2,4,6,8	70	18	36	54	72	60	44	76	81
RMG + any code	Residual current devices	4,8	69		36		72	60	44	76	81