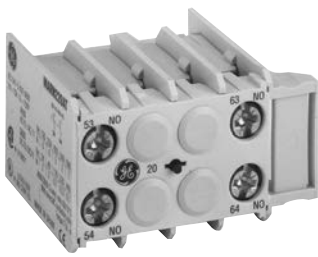


IEC Power Devices

Mini Contactors Accessories

C-2000

Contact Rating A600, Q300



2-Pole Front-Mounted Auxiliary Contact
Block MARN2/MACN2



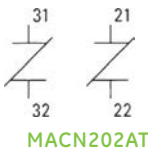
4-Pole Front-Mounted Auxiliary Contact
Block MARN4/MACN4

Front-Mounted Auxiliary Contact Blocks

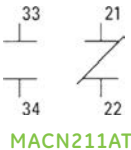
Contact Configuration	For Use With	Product Number	Approx. Weight Each
2NC	Contactors	MACN202AT	1 oz.
1NO-1NC	Contactors	MACN211AT	1 oz.
1NO-3NC	Contactors	MACN413AT	2 oz.
2NO-2NC	Contactors	MACN422AT	2 oz.
3NO-1NC	Contactors	MACN431AT	2 oz.

Packaged in multiples of 10 units. Each product number represents one unit.
Front-mounted contacts may be combined with side auxiliary contacts for a total maximum number of six added auxiliary contacts.

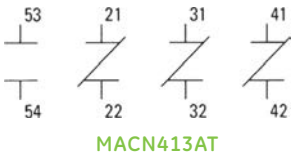
Contact Arrangement/
Terminal Numbers per EN 50005



MACN202AT



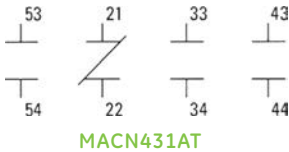
MACN211AT



MACN413AT



MACN422AT



MACN431AT



IEC Power Devices

Mini Contactors Accessories

C-2000

Contact Rating A600, Q300



Side-Mounted Auxiliary Contact Block

Side-Mounted Auxiliary Contact Blocks

Contact Configuration	For Use With	Product Number	Approx. Weight Each
1NC	Contactors	MACL101AT	1 oz.
1NC	Reversers	MACL101ATS	1 oz.
1NO	Contactors	MACL110AT	1 oz.
1NO	Reversers	MACL110ATS	1 oz.
1NC	Not Used in Combination w/ Top Auxiliary	MARL101AT	1 oz.
1NC	In Combination w/ Top Auxiliary	MARL101ATS	1 oz.
1NO	Not Used in Combination with Top Auxiliary	MARL110AT	1 oz.
1NO	In Combination w/ Top Auxiliary	MARL110ATS	1 oz.

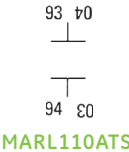
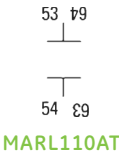
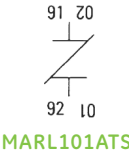
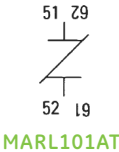
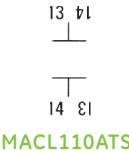
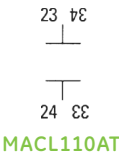
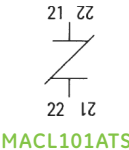
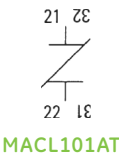
Packaged in multiples of 10 units. Each product number represents one unit.

For quick-connect version 2 x 2.8 mm, replace the “T” with an “F” and add **\$2.00 (GO-10A1)** to the list price.

Up to four side auxiliary contacts may be installed on contactors or relays with standard coils with a maximum of two contacts per side. Optimum performance is obtained when the contact configuration is balanced.

Side contacts may be combined with front-mount auxiliary contacts for a total maximum number of six added auxiliary contacts.

Contact Arrangement/
Terminal Numbers per EN 50005



IEC Power Devices

Mini Contactors Accessories

C-2000

Mechanical Interlock

Used for field assembly of reversing contactors and starters. Kit contains operating lever and 2 keys for joining either AC or DC contactors.

Product Number	Approx. Weight Each	Packing Quantity (No. Per Set)
MMH0	0.1 oz.	10



Mechanical Interlock

Electronic Timer

Attaches either to the top or side of contactor or relay. Wired in series with the coil. May be used either with AC or DC coils. Timer operation range .5-60 seconds.

Coil Voltage	Product Number	Approx. Weight Each	Packing Quantity (No. Per Set)
24-240V	MREBC10AC2	2 oz.	10



Electronic Timer

Electronic Timer Base

Allows timer to be either DIN rail- or panel-mounted.

Product Number	Approx. Weight Each	Packing Quantity (No. Per Set)
MVB0R	0.2 oz.	10

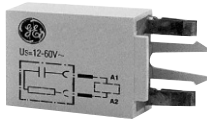


Electronic Timer Base

Surge Suppressor

Used to protect control circuits from voltage transients. Plugs into front of contactor, no external wiring required. RC type for AC and diode for DC.

Coil Voltage Range	Product Number	Approx. Weight Each	Packing Quantity (No. Per Set)
12-60V 50/60 Hz	MP0AAE1	0.5 oz.	10
72-240V 50/60 Hz	MP0AAE2	0.5 oz.	10
6-240 Vdc	MP0CAE3	0.5 oz.	10



Surge Suppressor



IEC Power Devices

Mini Contactors Accessories

C-2000

AC Replacement Coils for Contactors and Control Relays

Coil Voltage @ 50/60Hz	Coil Voltage @ 50Hz	Coil Voltage @ 60Hz	Product Number	Approx. Weight Each	Packing Quantity
24			MBOA1	2 oz.	10
42			MBOA2	2 oz.	10
48			MBOA9	2 oz.	10
110-115			MBOAJ	2 oz.	10
220-230			MBOA6	2 oz.	10
240			MBOA7	2 oz.	10
	115-127		MBOAK	2 oz.	1
	380-400		MBOAU	2 oz.	1
	415-440		MBOAW	2 oz.	1
	500		MBOAY	2 oz.	1
		120	MBOAJ	2 oz.	1
		208	MBOAM	2 oz.	1
		440	MBOAU	2 oz.	1
		480	MBOAW	2 oz.	1
		600	MBOAY	2 oz.	1

DC Replacement Coils for Contactors and Control Relays

DC Coil Voltage	Coil Power Consumption	Product Number	Approx. Weight Each	Packing Quantity (minimum/multiples) ¹
12	3	MBOCB	3 oz.	1
24	3	MBOCD	3 oz.	1
48	3	MBOCG	3 oz.	1
110	3	MBOCJ	3 oz.	10
125	3	MBOCL	3 oz.	1
250	3	MBOCS	3 oz.	1

¹Coils listed in package quantities of 10 are available in minimum quantities of 10 and in multiples of 10.

DC Wide Range Coil Voltage

DC Coil Voltage	Coil Power Consumption	Product Number	Approx. Weight Each	Packing Quantity (minimum/multiples) ¹
24	3	MBOCWD	3 oz.	1
48	3	MBOCWG	3 oz.	1
72	3	MBOCWI	3 oz.	1
110	3	MBOCWJ	3 oz.	1

