

LTHS Series

Quick Ship Program 2016



Designed for heavy-duty applications, the LTHS series of DC Contactors are guaranteed for a very high number of operations, even under shock and vibration environments. These contactors are part of the Quick Ship program we have assembled to meet your needs for exceptional product with fast delivery.

LTHS contactors are available as standard for applications ranging from 1000 to 4000V,DC and can also be used with AC circuits. They are the perfect choice for applications requiring:

- multipolar contactors
- contactors for AC or DC circuits operating with a voltage over 1500V
- contactors without blow-out coils and arc chutes (type LTHV)
- contactors with normally-closed poles
- contactors with normally-closed and normally-open poles (changeover and field discharge contactors)
- mechanically latched contactors

LTHS contactors are equipped with non-direct, magnetic blow-out circuits (in parallel with the main contacts) and are made with a high number of turns to work efficiently both with high and low currents. Indirect magnetic blow-out systems make the LTHS contactors suitable to operate continuously with high frequency current.

Quality is key in the design and production of the LTHS: Main pole contacts are designed for easy cleaning and replacement with normal tools. Relative brushing of the contact surfaces provide self-cleaning and low resistance. DC control coils operate without economy resistors and with wide working range (at least -30% to +30%). The high insulation class of the coil guarantees safe operation to very high ambient temperatures. A 'varistor' cuts off peak voltage when the coil is de-energized.

See the difference for yourself in your next application. Choose from the items in our Quick Ship program shown below, or speak with one of our sales team today, to get yours!

**LTHS
Quick Ship
Program
(stocked items)**

US Stock	Model	Rated	Main Poles	Aux	Standard Coils
20	LTHS60	80A @ 1000V,DC	1 N/O	2 N/O & 2 N/C	24V,DC, or 110V,DC, or 125V,DC
13	LTHS60	80A @ 1000V,DC	2 N/O	2 N/O & 2 N/C	24V,DC, or 110V,DC, or 125V,DC
13	LTHS320	350A @ 1500V,DC	1 N/O	2 N/O & 2 N/C	24V,DC, or 110V,DC, or 125V,DC
9	LTHS320	350A @ 1500V,DC	2 N/O	2 N/O & 2 N/C	24V,DC, or 110V,DC, or 125V,DC
20	LTHS800	920A @ 2000V,DC	1 N/O	2 N/O & 2 N/C	24V,DC, or 110V,DC, or 125V,DC
14	LTHS800	920A @ 2000V,DC	2 N/O	2 N/O & 2 N/C	24V,DC, or 110V,DC, or 125V,DC
12	LTHS1250	1250A @ 2000V,DC	1 N/O	2 N/O & 2 N/C	24V,DC, or 110V,DC, or 125V,DC
12	LTHS1250	1250A @ 2000V,DC	2 N/O	2 N/O & 2 N/C	24V,DC, or 110V,DC, or 125V,DC

**Electrical
Performance of
LTHS Contactors
(full line)**

Type LTHS	Poles	V MAX* kV	Ith (A)	Coil W**	Making Capacity I ch (A)	DC Breaking Capacity			
						400V	750V	1000V	1500V
60	1	1	80	12	2500	250	100	80	-
	2 in Parallel		160	16	3500	300	100	80	-
	2 in Series		80	16	2500	600	250	150	-
125	1	1	150	18	3500	600	150	120	-
	2 in Parallel		300	24	5000	800	200	150	-
	2 in Series		150	24	3500	1200	300	200	-
250	1	1	250	18	5000	800	500	350	-
	2 in Parallel		500	24	8000	1000	600	400	-
	2 in Series		250	24	5000	1250	1000	700	-
320	1	1	350	25	6000	1000	600	450	-
	2 in Parallel	1	600	32	10000	1000	600	450	-
	2 in Series	1.5	350	32	6000	1800	1200	800	500
400	1	1.5	500	38	10000	2000	1600	1000	500
	2 in Parallel		800	38	15000	2500	1600	1000	500
	2 in Series		500	38	10000	4000	3000	2000	1000
650	1	1.5	700	50	12000	2500	1800	1300	750
	2 in Parallel		1400	60	18000	3000	1800	1300	750
	2 in Series		700	50	12000	5000	3600	2500	1200
800	1	2	920	50	12000	4000	2500	2000	1200
	2 in Parallel		1800	60	18000	4000	2500	2000	1200
	2 in Series		920	60	12000	8000	4000	3500	2000
1250	1	2	1300	60	30000	6000	3500	3000	1800
	2 in Parallel		2500	80	30000	8000	3500	3000	1800
	2 in Series		1300	80	20000	12000	6000	5000	3000

* For applications at higher voltage, please contact our technical engineers
 ** ± 10% at 20°C ambient and cold coil

Products constantly update. All specifications are subject to change without notice.

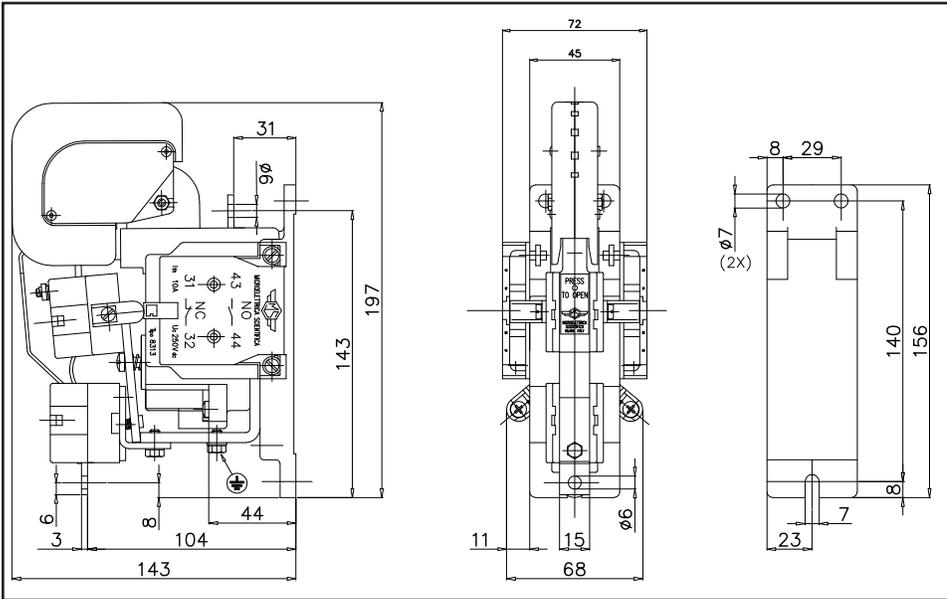
For more information on this product, please contact:

PC&S, Inc. at +1 (800) 523-9194 or +1 (973) 448-9400

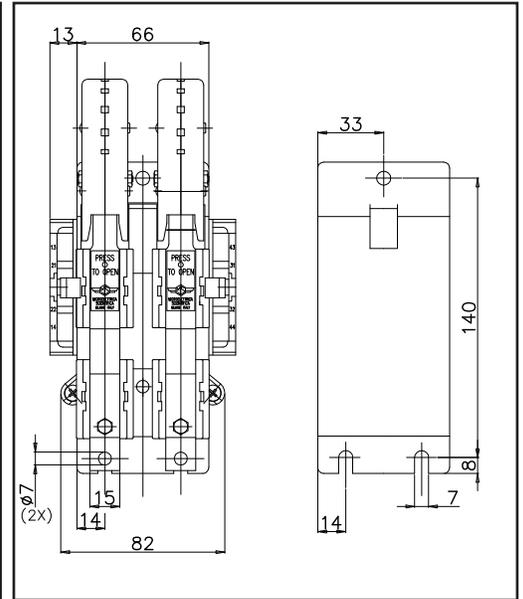
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Dimensions

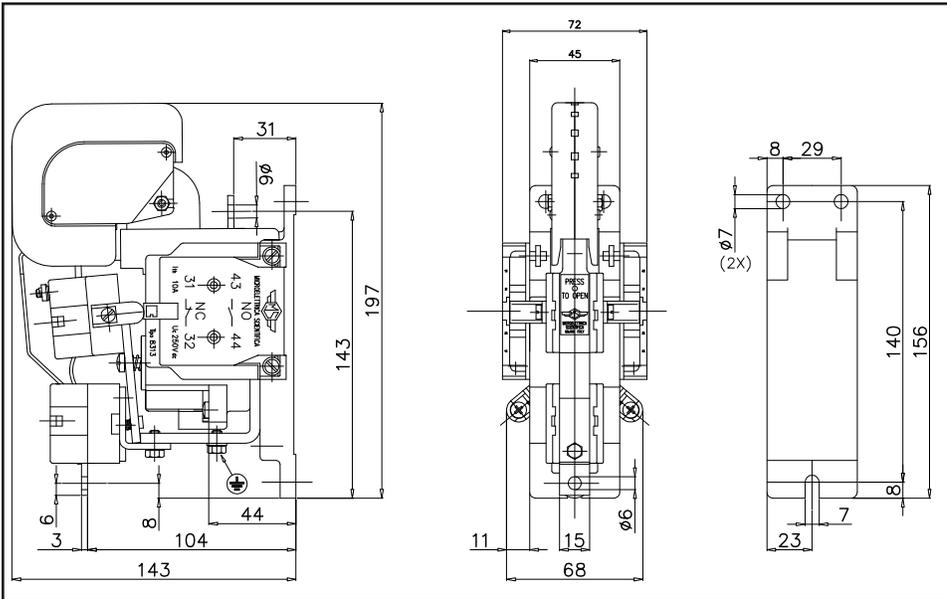
LTHS 60 - Single Pole



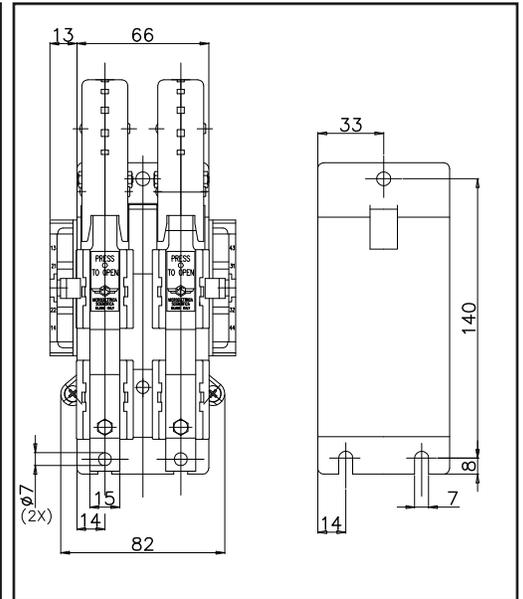
2 Pole



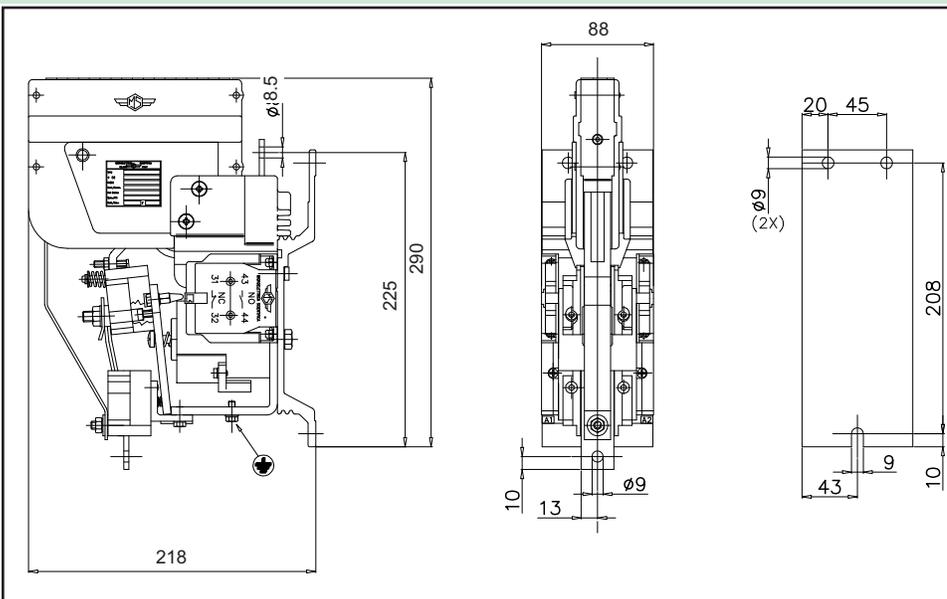
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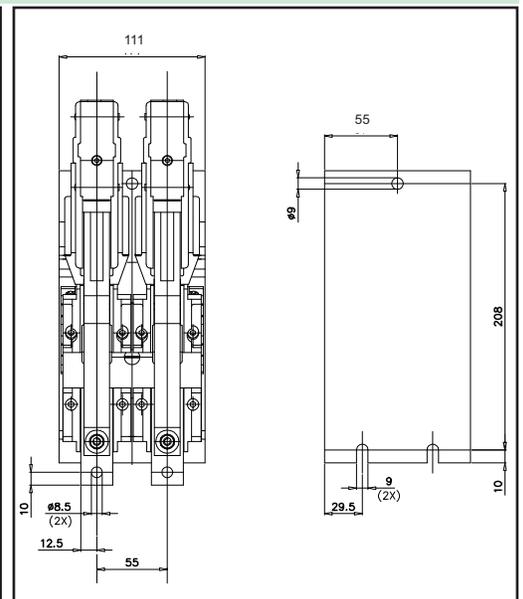
2 Pole



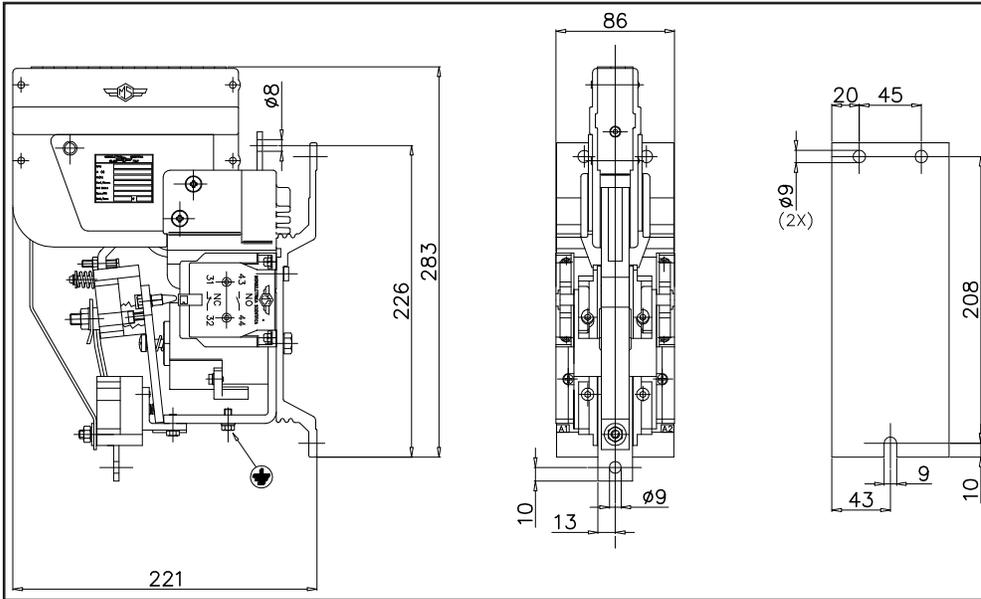
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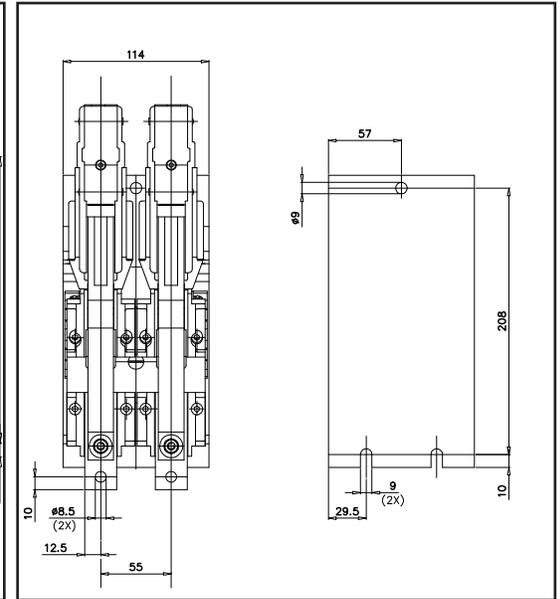
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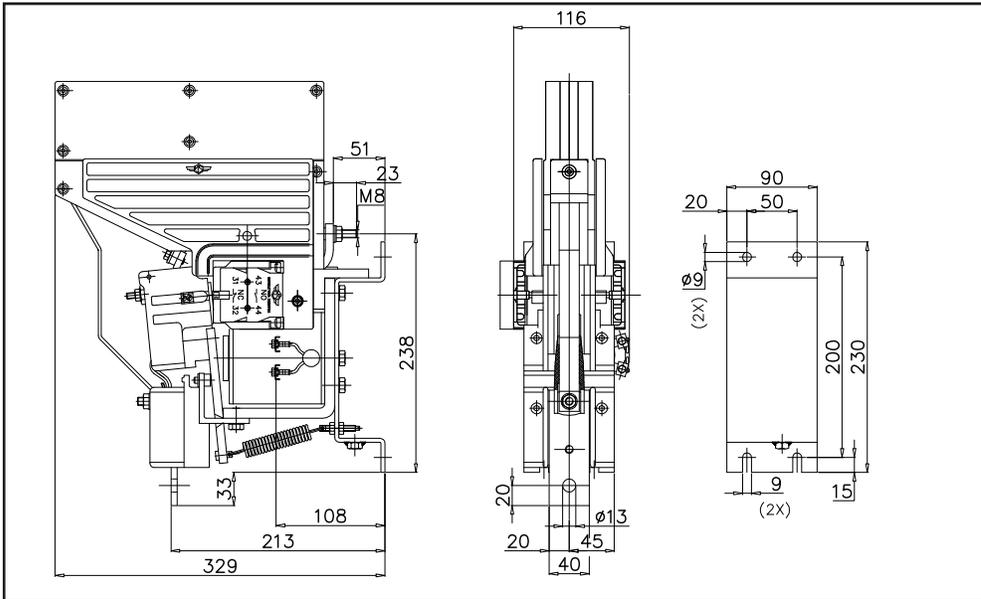
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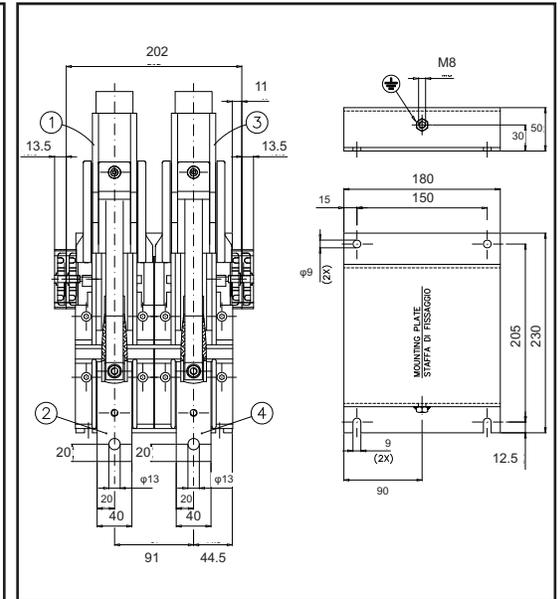
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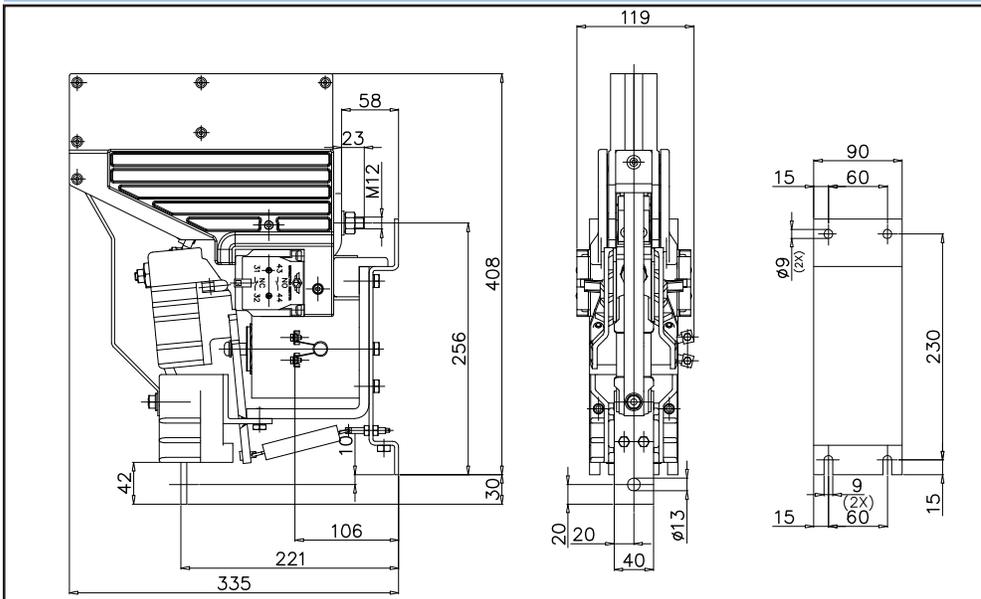
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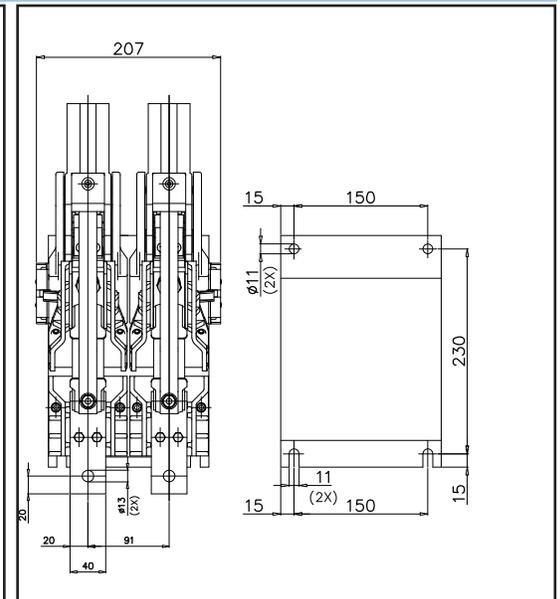
2 Pole



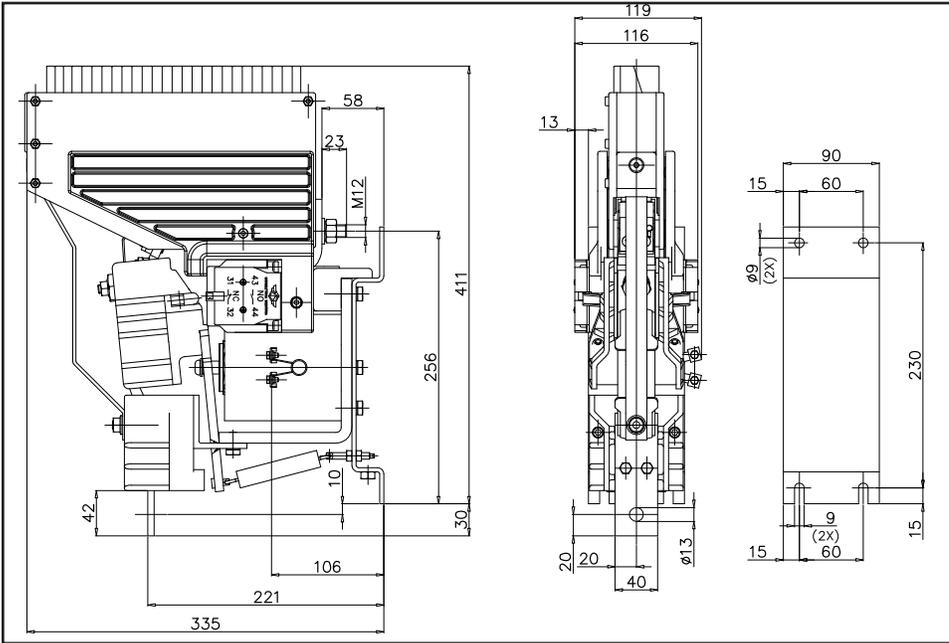
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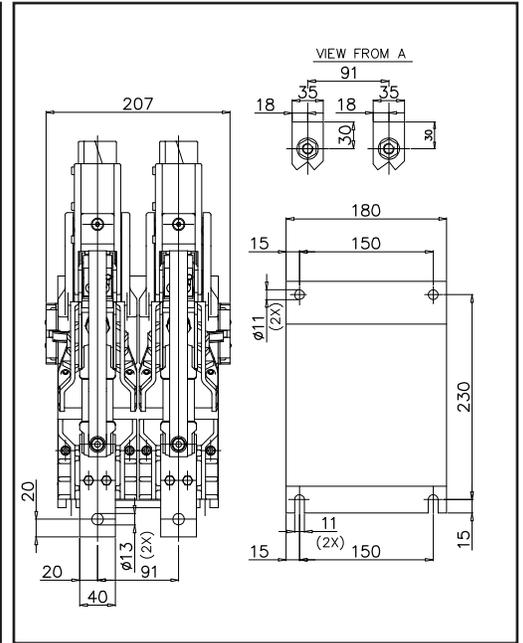
2 Pole



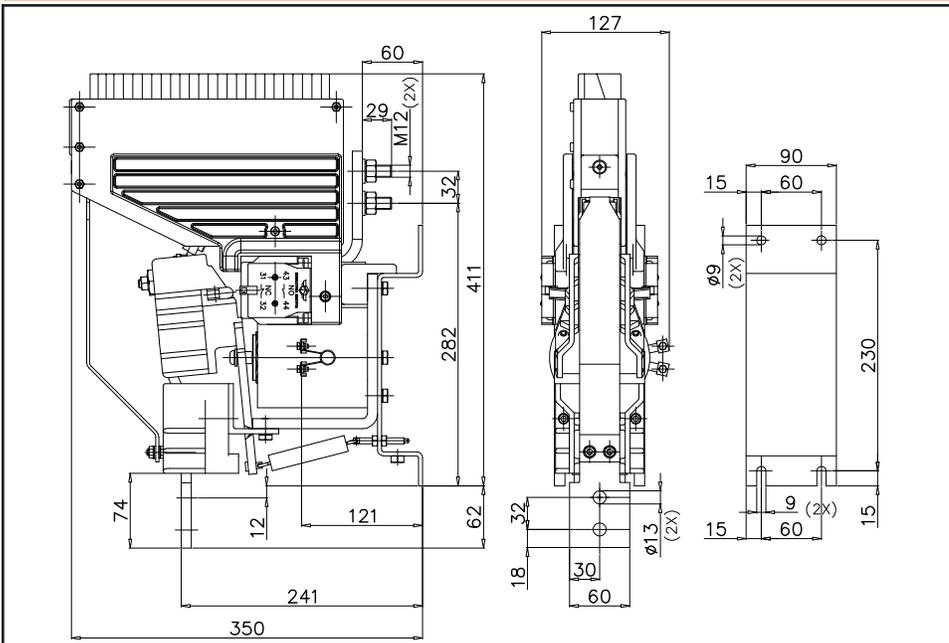
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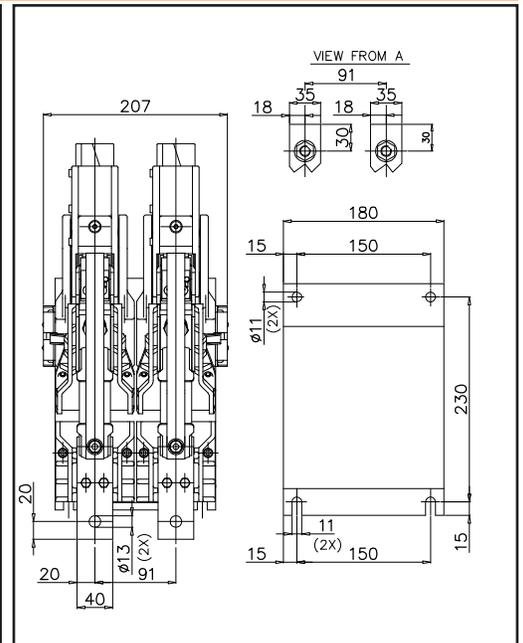
2 Pole



LTHS 1250 - Single Pole



2 Pole



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For more information and certifications, please contact:

Panel Components & Systems, Inc. ■ Phone: (800) 523-9194 ■ info@pc-s.com

Main Office:

Stanhope, NJ

Phone: (973) 448-9400