

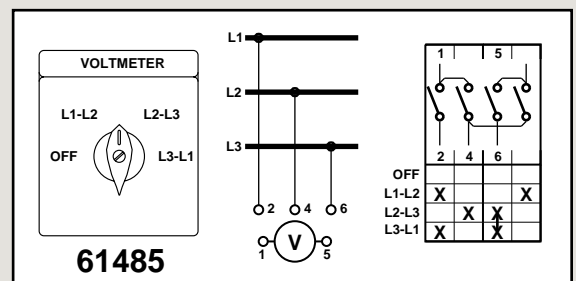
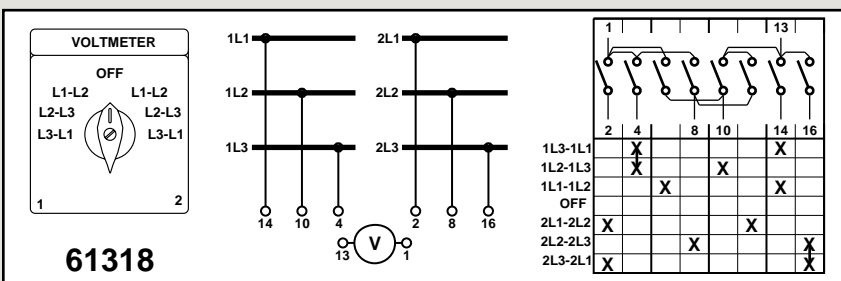
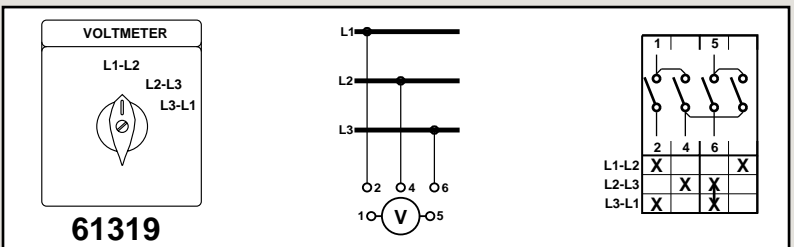
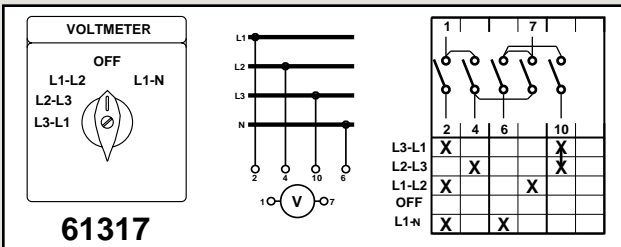
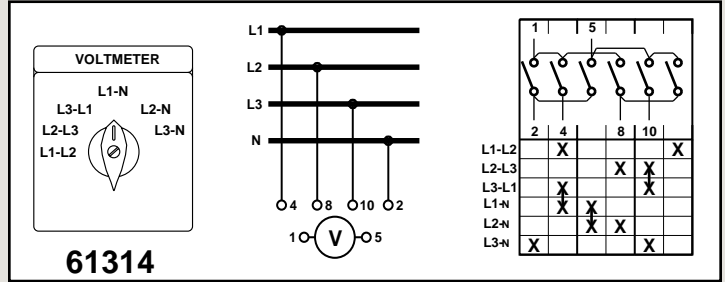
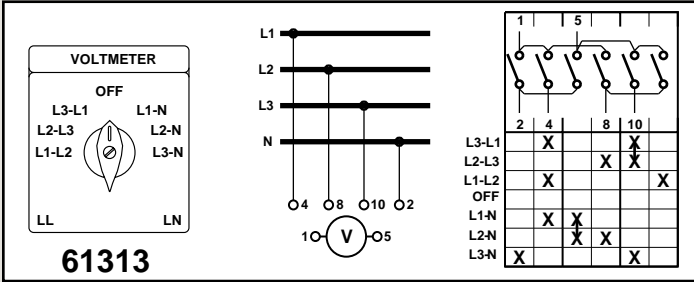
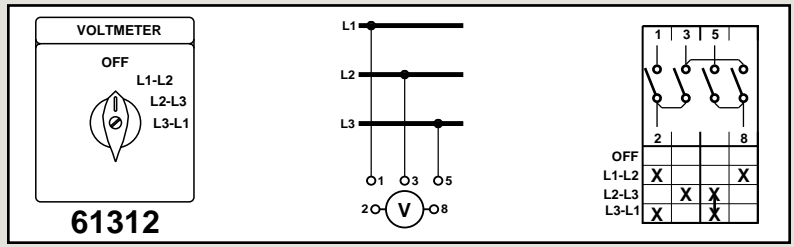
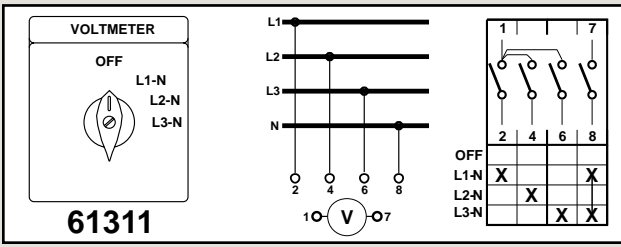
CONTROL SWITCHES



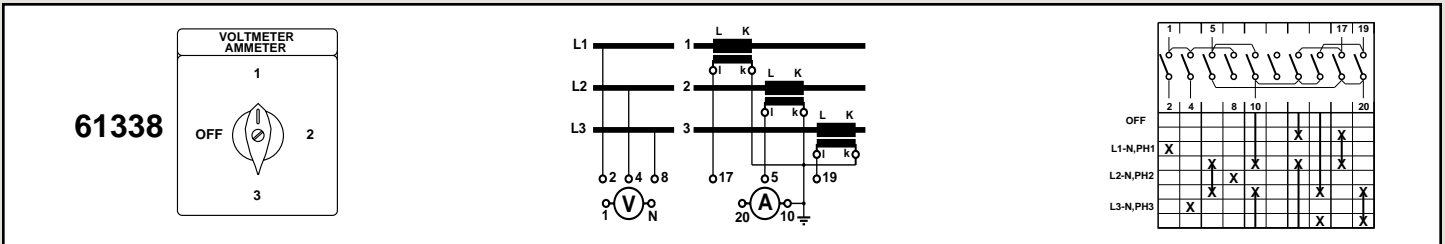
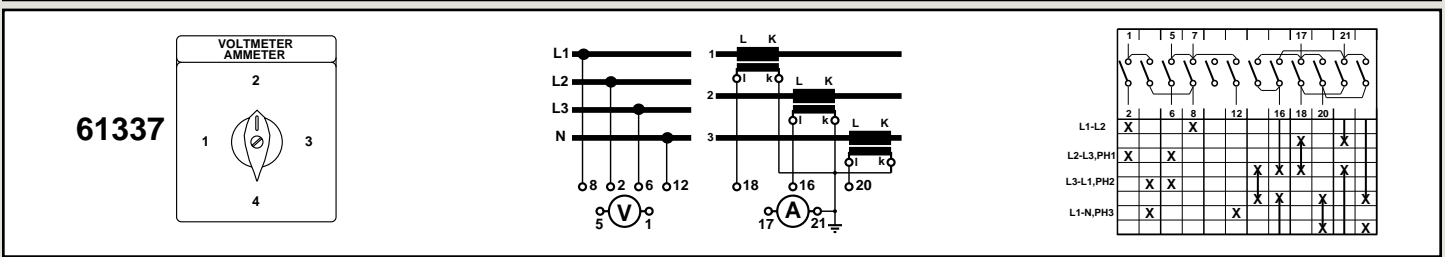
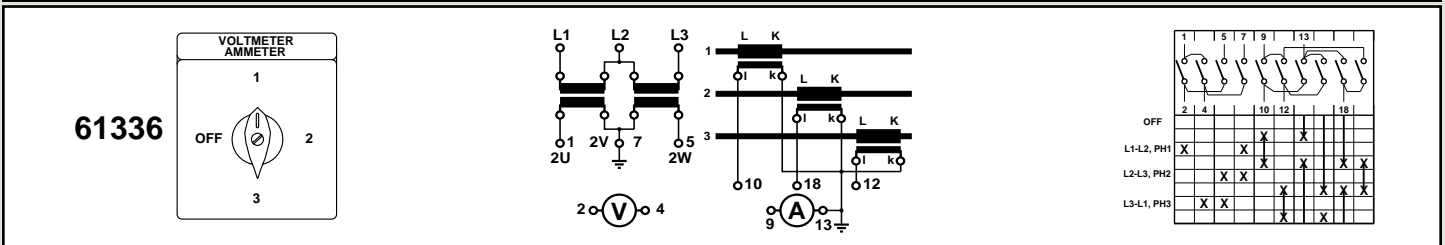
VOLTMETER/AMMETER SWITCHES

Control Switches International, Inc.

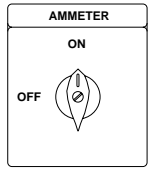
VOLTMETER SWITCHES



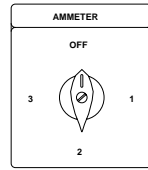
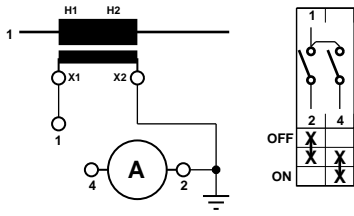
VOLTMETER/AMMETER COMBINATION SWITCHES



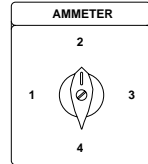
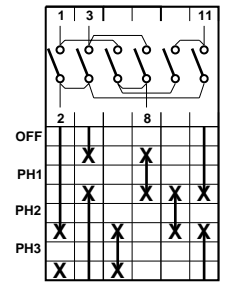
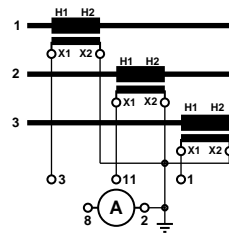
AMMETER SWITCHES



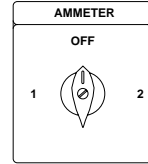
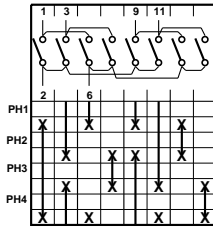
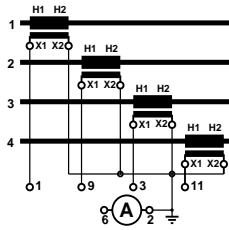
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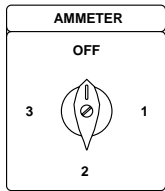
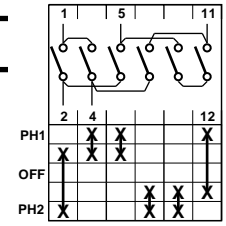
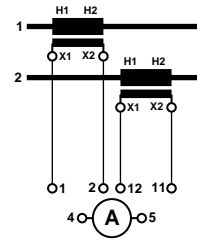
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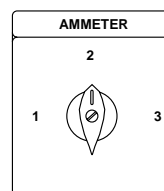
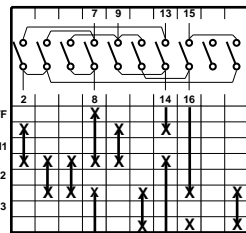
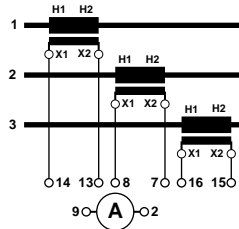
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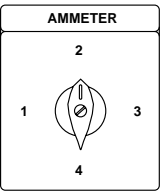
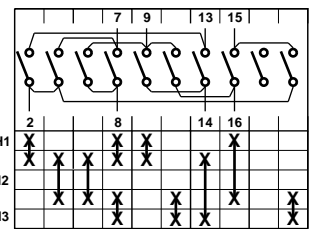
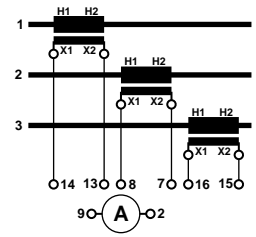
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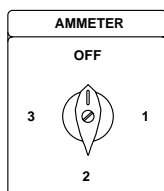
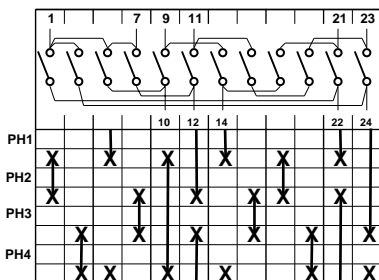
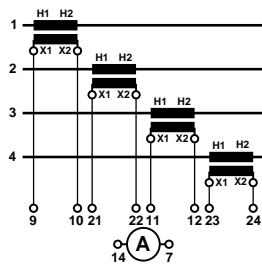
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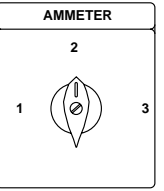
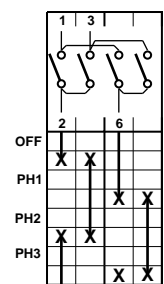
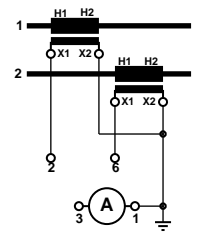
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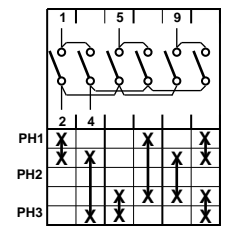
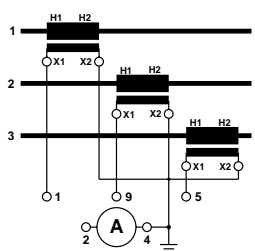
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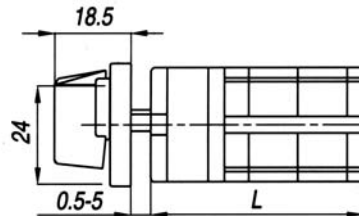
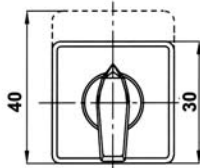
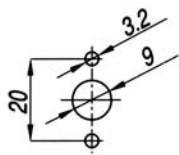


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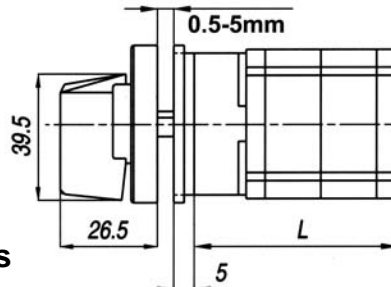
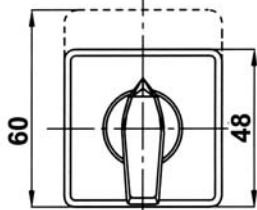
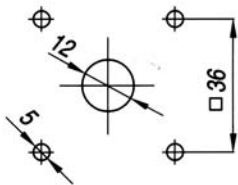


Technical Information

Switch Type	F10	F20	N12	N20	N25
UL Amperage	10	15	15	20	30
UL Voltage	240	240	600	600	600
AWG	16	16	14	12	10

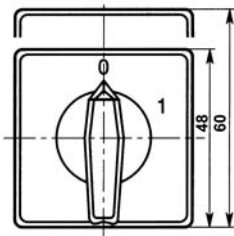


“F10” Series

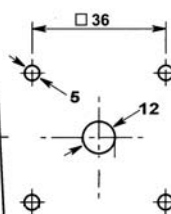
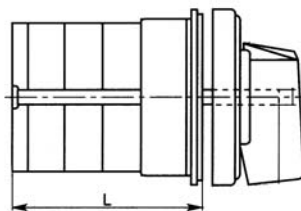


“F20” Series

Switch Type	Dimension “L” for Number of Stages (mm)											
	1	2	3	4	5	6	7	8	9	10	11	12
F10	40.0	52.0	64.0	76.0	88.0	100.0	112.0	124.0	-	-	-	-
F20	36.0	49.5	63.0	76.5	90.0	103.5	117.0	130.5	144.0	157.5	171.0	184.5



“N” Series



Switch Type	Dimension “L” for Number of Stages (mm)											
	1	2	3	4	5	6	7	8	9	10	11	12
N12 / N20	33.1	42.8	52.5	62.2	71.9	81.6	91.3	101.0	110.7	120.4	130.1	139.8
N25	37.5	51.1	64.7	78.3	91.9	105.5	119.1	132.7	146.3	159.9	173.5	187.1

Note: Single hole mounting available on the N series.
 Next larger size mounting available on F & N Series.
 Consult factory for dimensions.

Voltmeter
Switches
-
Ammeter
Switches
-
Combination
Voltmeter
&
Ammeter
Switches
-
Single
&
Three
Phase

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