Power Loss Due to Current

Rated Current [A]	Power Loss Per Pole [W]		Rated Current [A]	Power Loss Per Pole [W]
0.5	1.4		13	2.3
1	1.4		15	2.4
2	1.8		16	2.5
3	1.6		20	2.5
4	1.8		25	3.2
5	1.9		30	3.5
6	2.0		32	3.7
7	1.1		40	4.5
8	1.5		50	4.5
10	2.1		63	5.4

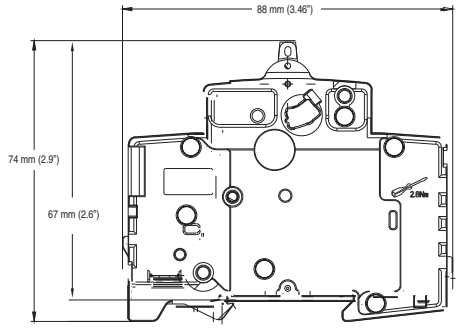
Zero-stack Derating

The installation of several miniature circuit breaker side by side with rated current on all poles requires a correction factor to the rated current (not required if spacers are used).

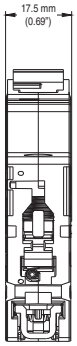
No. of Adjacent Devices	Factor
1	1
2,3	0.9
4,5	0.8
≥6	0.75

Approximate Dimensions

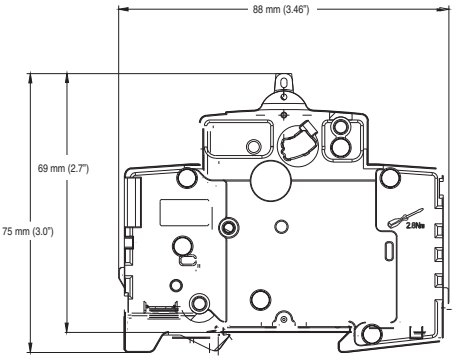
Note: Dimensions are shown in millimeters (inches). Dimensions are not intended for manufacturing purposes.



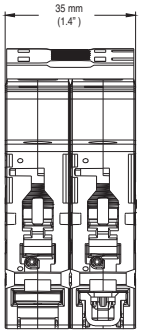
1-Pole



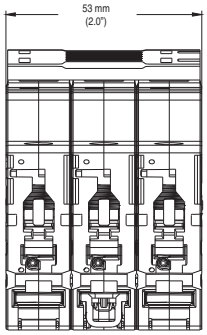
1-Pole



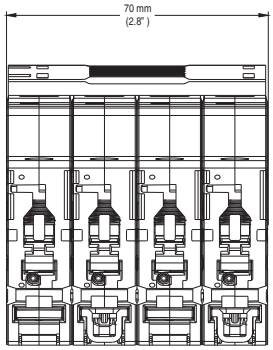
1 Pole + N, 2-, 3-, 3 Pole + N



1 Pole + N, 2-Pole



3-Pole



3-Pole + N

Ambient Temperature Derating

Note: Application below 0º C is for non-condensing atmosphere. Care should be taken for applications below 0 °C. These devices are not certified to operate correctly in the presence of ice.

1492-SP
UL Derating
Reference Temp: 40°C

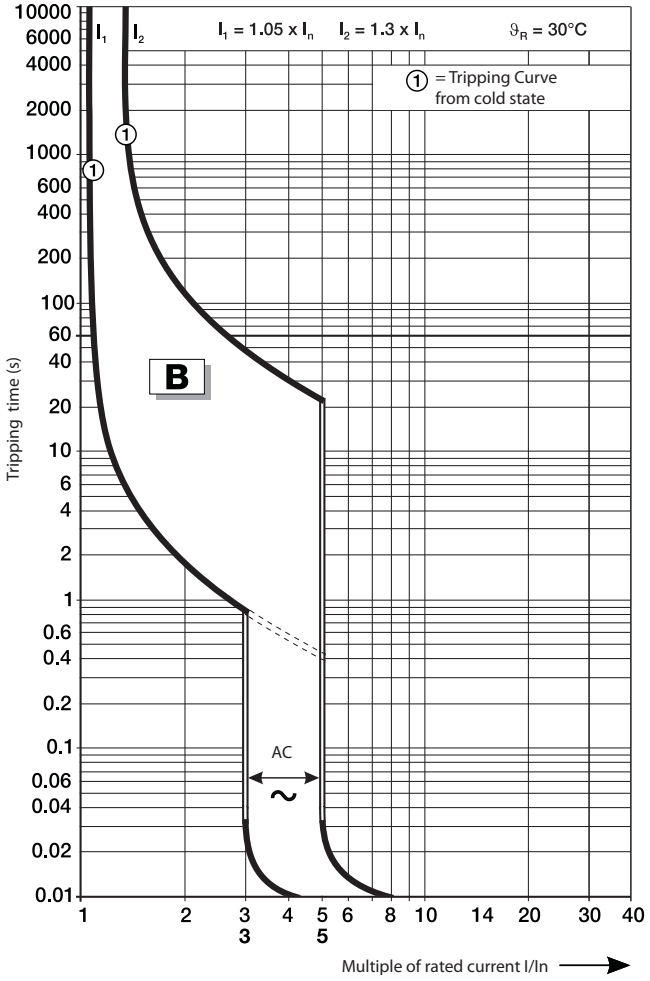
RP200	Ambient Temperature (°C)											
In(A)	-40	-30	-20	-10	0	10	20	30	40	50	60	70
0.5	0.65	0.63	0.61	0.59	0.57	0.56	0.54	0.52	0.5	0.48	0.46	0.44
1	1.30	1.26	1.22	1.19	1.15	1.11	1.07	1.04	1	0.96	0.93	0.89
2	2.60	2.52	2.44	2.37	2.30	2.22	2.15	2.07	2	1.93	1.85	1.78
3	3.89	3.78	3.67	3.56	3.44	3.33	3.22	3.11	3	2.89	2.78	2.67
4	5.19	5.04	4.89	4.74	4.59	4.44	4.30	4.15	4	3.85	3.70	3.56
5	6.50	6.31	6.13	5.94	5.75	5.56	5.38	5.19	5	4.81	4.63	4.44
6	7.77	7.55	7.33	7.11	6.89	6.67	6.44	6.22	6	5.78	5.56	5.33
7	9.10	8.84	8.58	8.31	8.05	7.79	7.53	7.26	7	6.74	6.48	6.21
8	10.36	10.07	9.78	9.48	9.18	8.89	8.59	8.30	8	7.70	7.41	7.11
10	13.00	12.60	12.20	11.90	11.50	11.10	10.70	10.40	10	9.60	9.30	8.90
13	16.90	16.40	15.90	15.40	14.90	14.40	14.00	13.50	13	12.50	12.00	11.60
15	19.50	18.94	18.38	17.81	17.25	16.69	16.13	15.56	15	14.44	13.88	13.31
16	20.60	20.10	19.60	19.00	18.40	17.80	17.20	16.60	16	15.40	14.80	14.20
20	26.00	25.20	24.40	23.70	23.00	22.20	21.50	20.70	20	19.30	18.50	17.80
25	32.40	31.50	30.60	29.60	28.70	27.80	26.90	25.90	25	24.10	23.20	22.20
30	39.00	37.88	36.75	35.63	34.50	33.38	32.25	31.13	30	28.88	27.75	26.63
32	41.50	40.30	39.10	37.90	36.70	35.60	34.40	33.20	32	30.80	29.60	28.40
40	51.90	50.40	48.90	47.40	45.90	44.40	43.00	41.50	40	38.50	37.00	35.60
50	64.90	63.00	61.10	59.30	57.40	55.60	53.70	51.90	50	48.20	46.30	44.50
63	81.60	79.30	77.00	74.70	72.30	70.00	67.70	65.30	63	60.70	58.30	56.00

1492-SP
IEC Derating
Reference Temp: 30°C

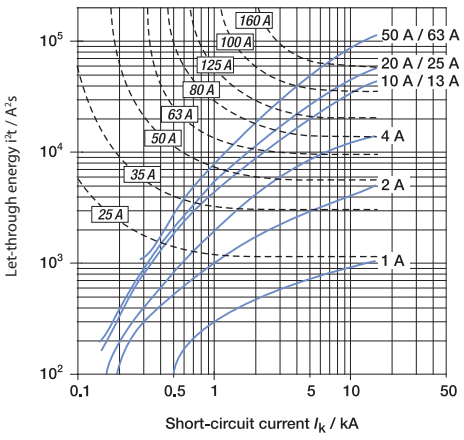
RP200	Ambient Temperature (°C)											
In(A)	-40	-30	-20	-10	0	10	20	30	40	50	60	70
0.5	0.63	0.61	0.59	0.57	0.56	0.54	0.52	0.5	0.48	0.46	0.44	0.43
1	1.26	1.22	1.19	1.15	1.11	1.07	1.04	1	0.96	0.93	0.89	0.85
2	2.52	2.44	2.37	2.30	2.22	2.15	2.07	2	1.93	1.85	1.78	1.70
3	3.78	3.67	3.56	3.44	3.33	3.22	3.11	3	2.89	2.78	2.67	2.56
4	5.04	4.89	4.74	4.59	4.44	4.30	4.15	4	3.85	3.70	3.56	3.41
5	6.31	6.13	5.94	5.75	5.56	5.38	5.19	5	4.81	4.63	4.44	4.25
6	7.55	7.33	7.11	6.89	6.67	6.44	6.22	6	5.78	5.56	5.33	5.11
7	8.84	8.58	8.31	8.05	7.79	7.53	7.26	7	6.74	6.48	6.21	5.95
8	10.07	9.78	9.48	9.18	8.89	8.59	8.30	8	7.70	7.41	7.11	6.82
10	12.60	12.20	11.90	11.50	11.10	10.70	10.40	10	9.60	9.30	8.90	8.50
13	16.40	15.90	15.40	14.90	14.40	14.00	13.50	13	12.50	12.00	11.60	11.10
15	18.94	18.38	17.81	17.25	16.69	16.13	15.56	15	14.44	13.88	13.31	12.75
16	20.10	19.60	19.00	18.40	17.80	17.20	16.60	16	15.40	14.80	14.20	13.60
20	25.20	24.40	23.70	23.00	22.20	21.50	20.70	20	19.30	18.50	17.80	17.00
25	31.50	30.60	29.60	28.70	27.80	26.90	25.90	25	24.10	23.20	22.20	21.30
30	37.88	36.75	35.63	34.50	33.38	32.25	31.13	30	28.88	27.75	26.63	25.50
32	40.30	39.10	37.90	36.70	35.60	34.40	33.20	32	30.80	29.60	28.40	27.30
40	50.40	48.90	47.40	45.90	44.40	43.00	41.50	40	38.50	37.00	35.60	34.10
50	63.00	61.10	59.30	57.40	55.60	53.70	51.90	50	48.20	46.30	44.50	42.60
63	79.30	77.00	74.70	72.30	70.00	67.70	65.30	63	60.70	58.30	56.00	53.70

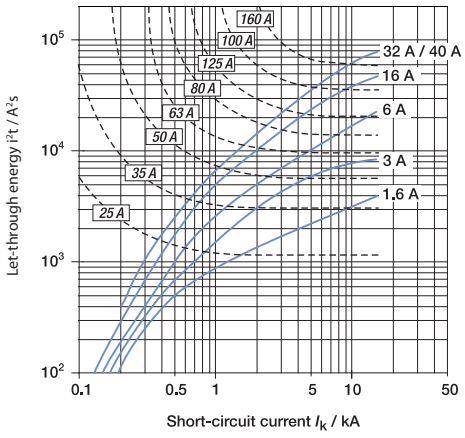
Tripping Characteristics

B Curve



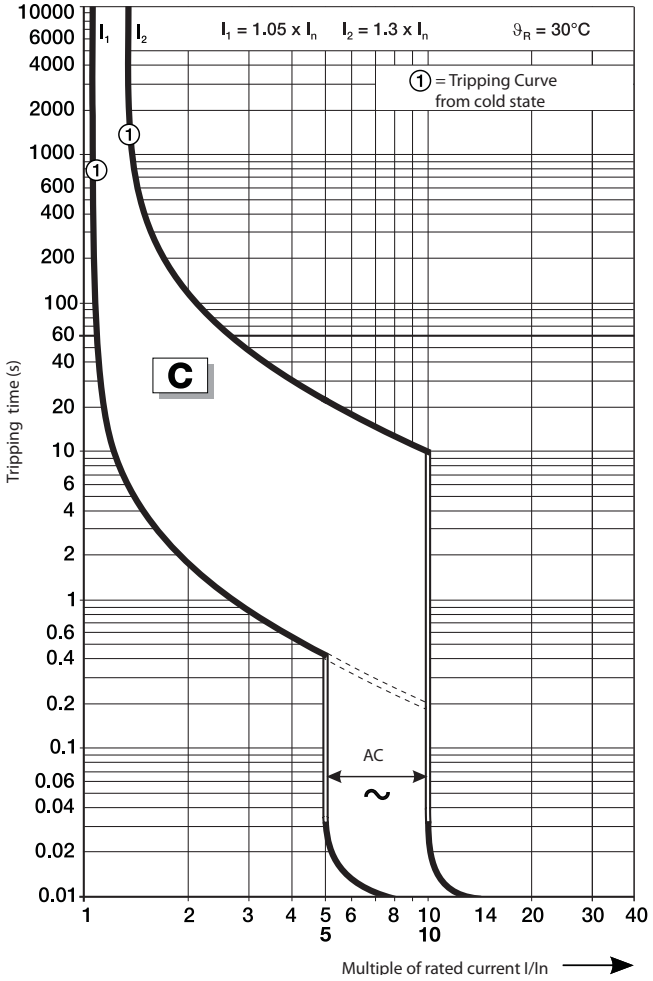
B and C Curve - 230/400V AC Let-through Energy



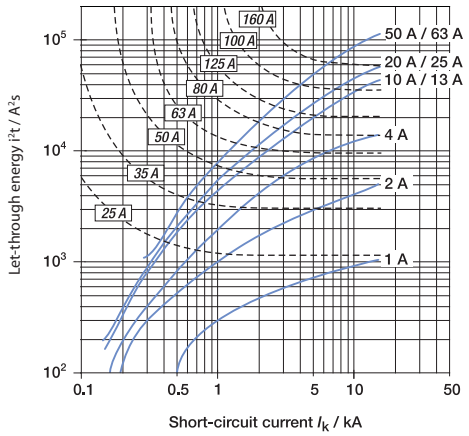


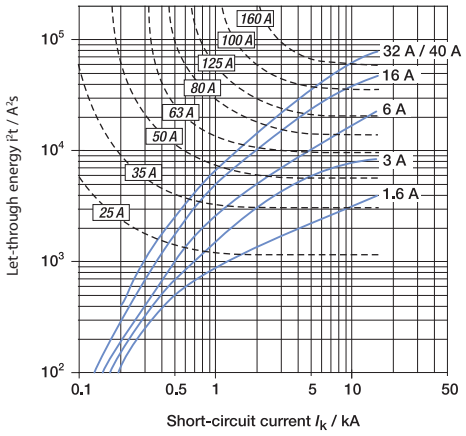
Tripping Characteristics

C Curve



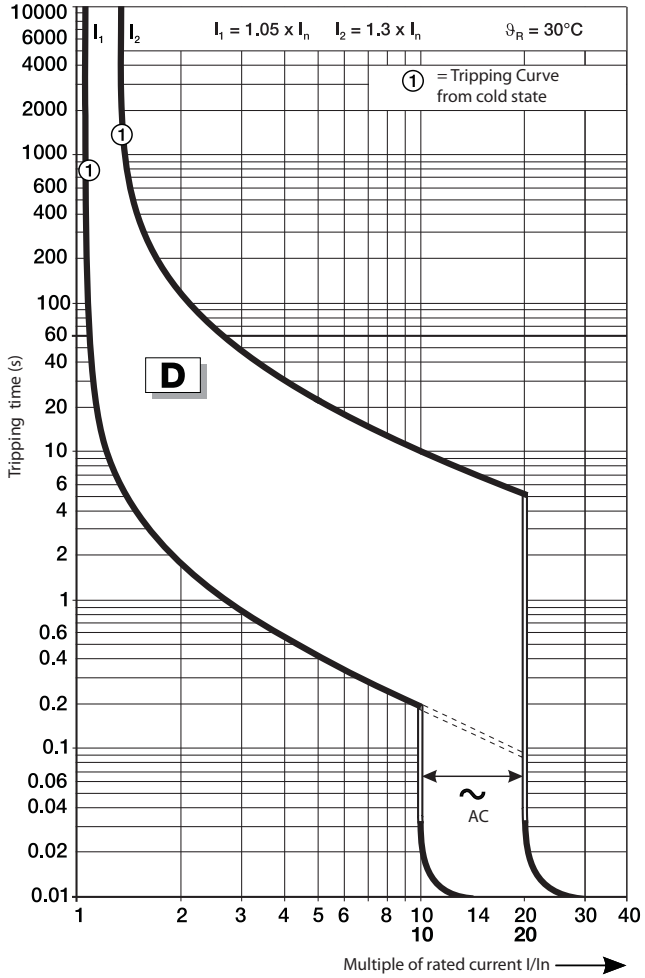
B and C Curve - 230/400V AC Let-through Energy



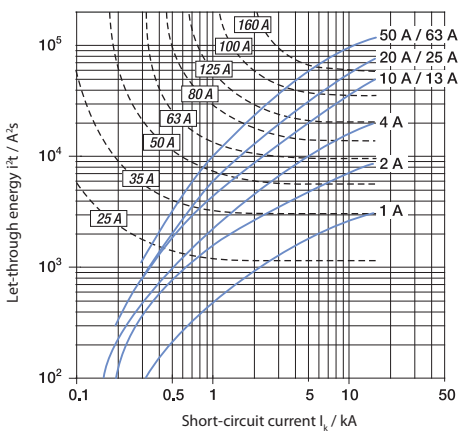


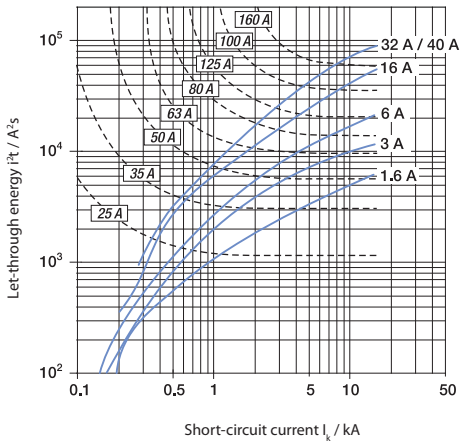
Tripping Characteristics

D Curve



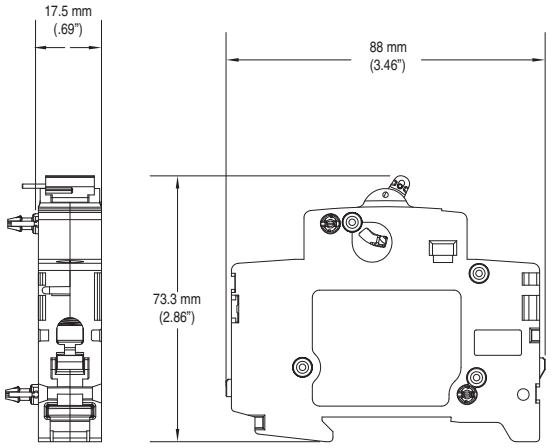
D Curve - 230/400V AC Let-through Energy



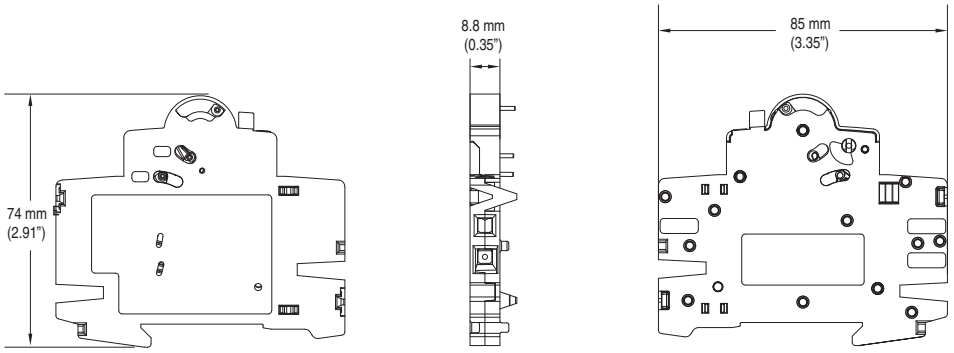


Accessory Approximate Dimensions

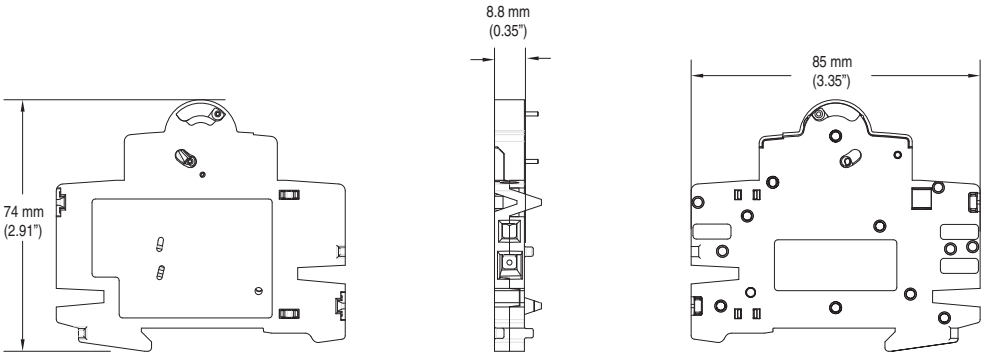
Note: Dimensions are shown in millimeters (inches). Dimensions are not intended for manufacturing purposes.



189-AST1 and 189-AST2



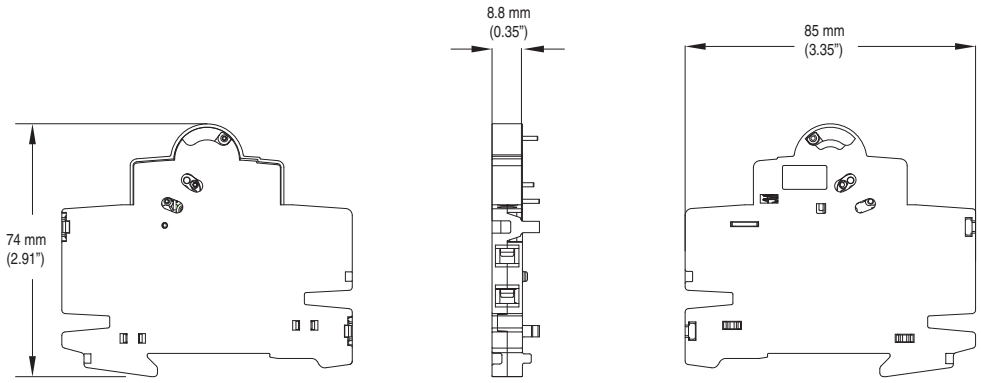
189-ASCR3



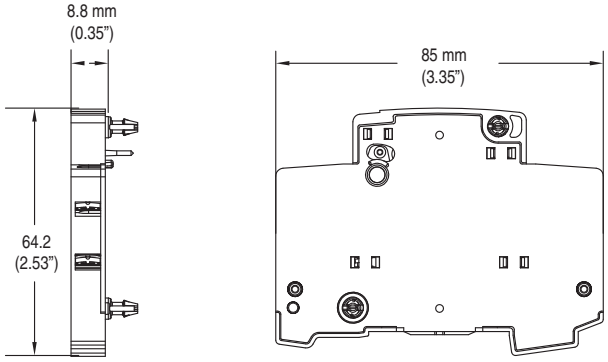
189-AR3

Accessory Approximate Dimensions

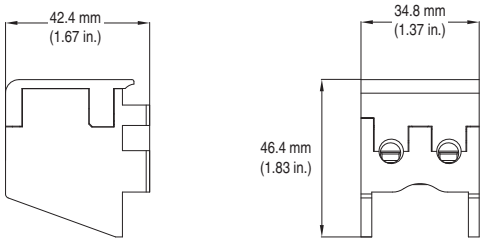
Note: Dimensions are shown in millimeters (inches). Dimensions are not intended for manufacturing purposes.



189-AR11, 189-AR02, 189-AR20



189-AL11, 189-AL02, and 189-AL20

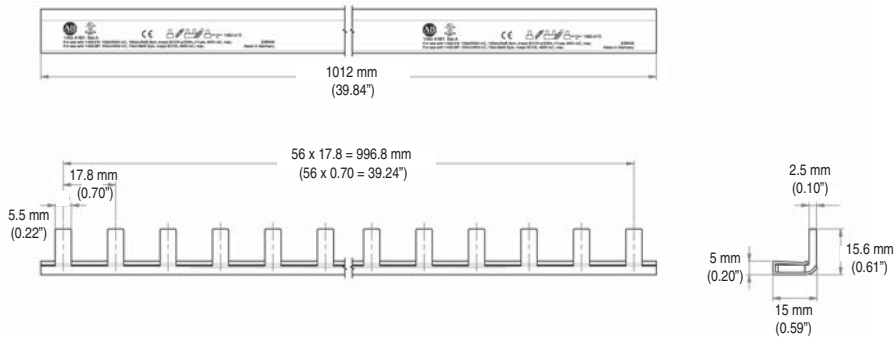


189-AB01 and 189-AB10

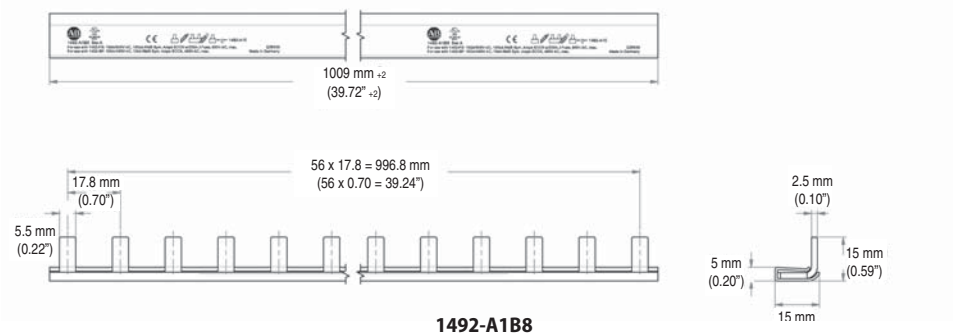
Bus Bar Approximate Dimensions

Note: Dimensions are shown in millimeters (inches). Dimensions are not intended for manufacturing purposes.

1-Phase Bus Bars

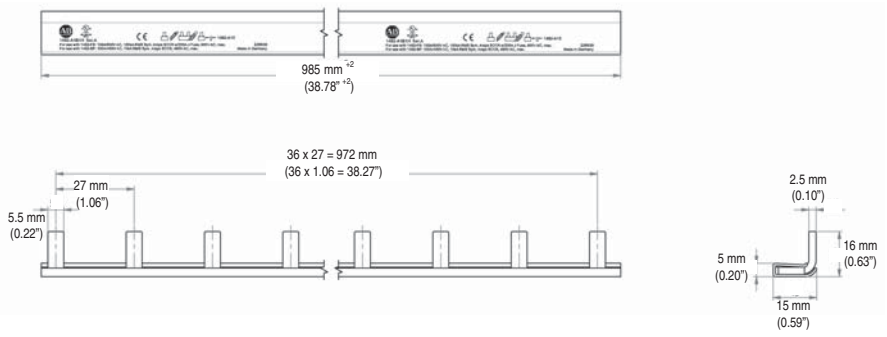


1492-A1B1

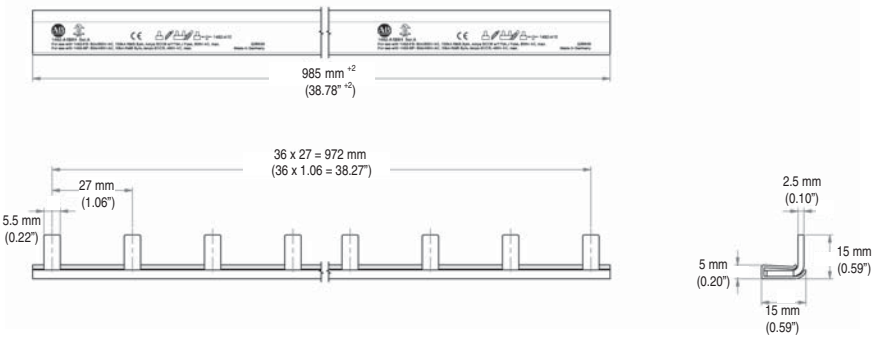


1492-A1B8

1-Phase Bus Bars, with Auxiliary Contact



1492-A1B1H

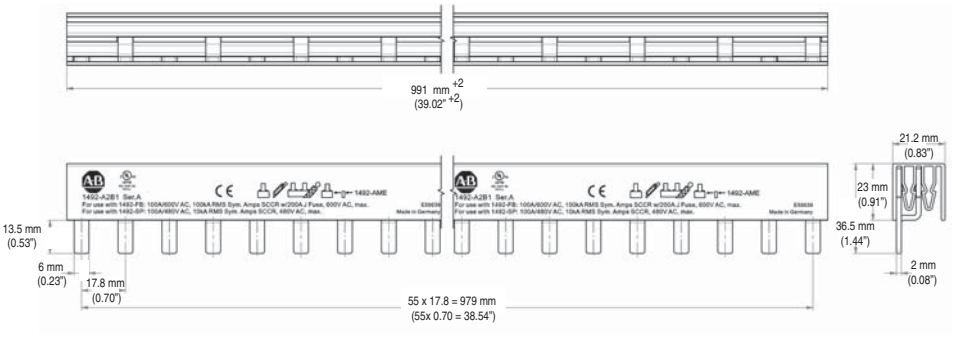


1492-A1B8H

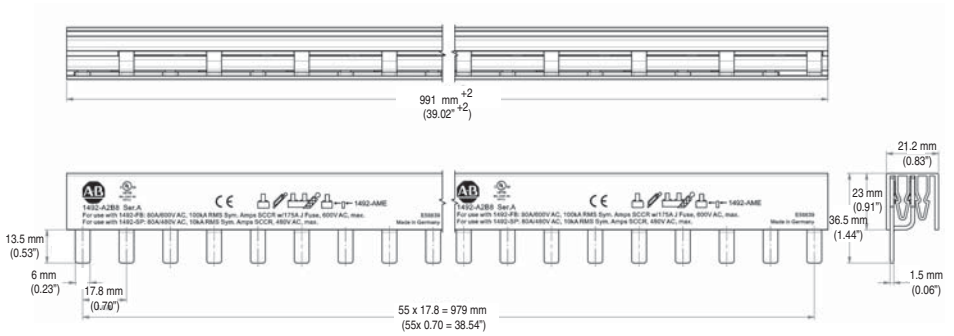
Bus Bar Approximate Dimensions

Note: Dimensions are shown in millimeters (inches). Dimensions are not intended for manufacturing purposes.

2-Phase Bus Bars

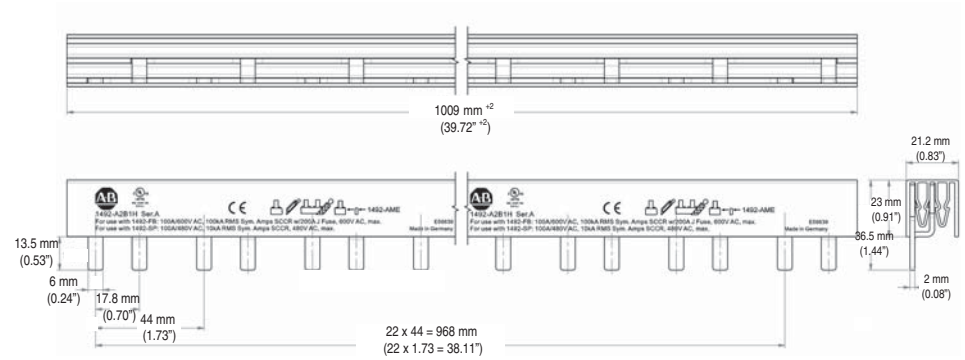


1492-A2B1

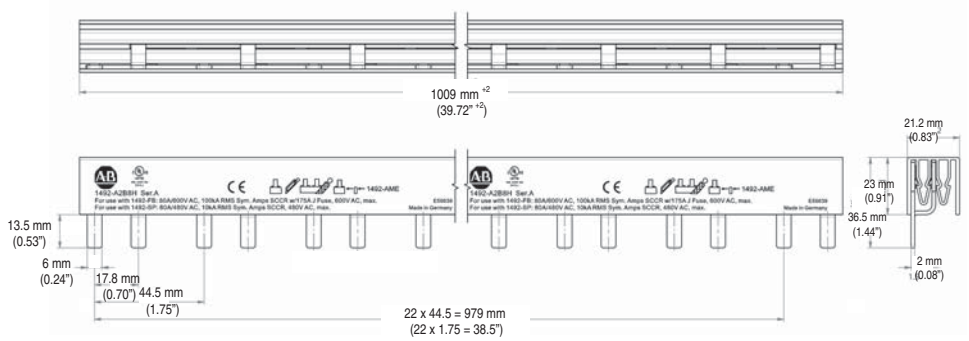


1492-A2B8

2-Phase Bus Bars, with Auxiliary Contact



1492-A2B1H

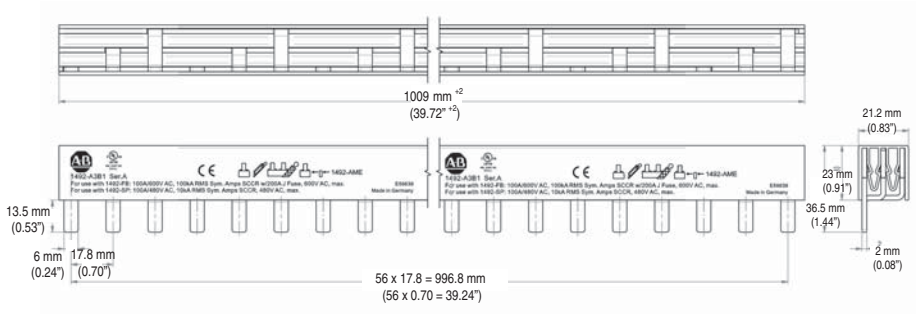


1492-A2B8H

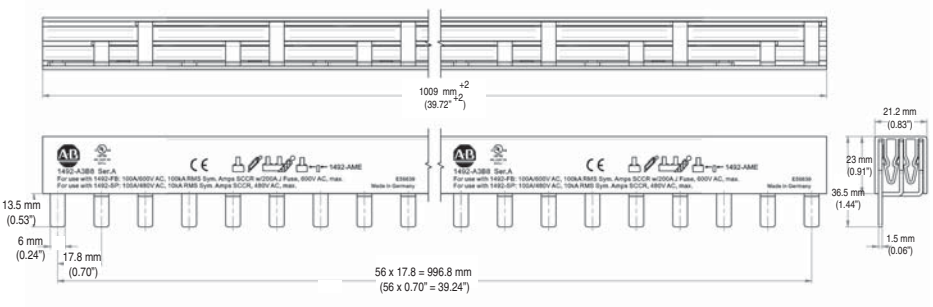
Bus Bar Approximate Dimensions

Note: Dimensions are shown in millimeters. Dimensions are not intended for manufacturing purposes.

3-Phase Bus Bars

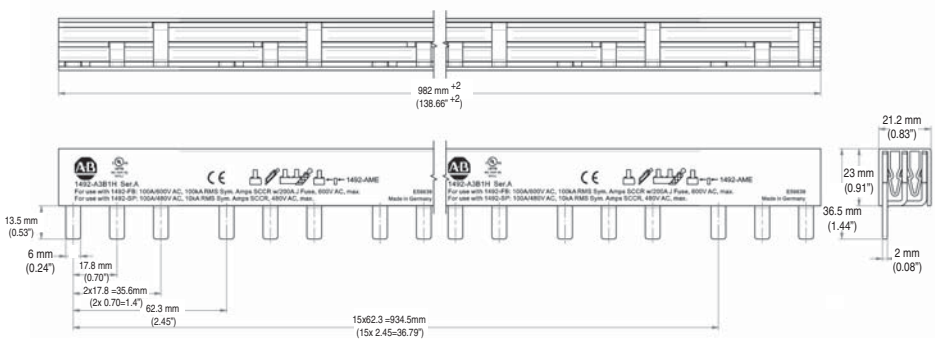


1492-A3B1

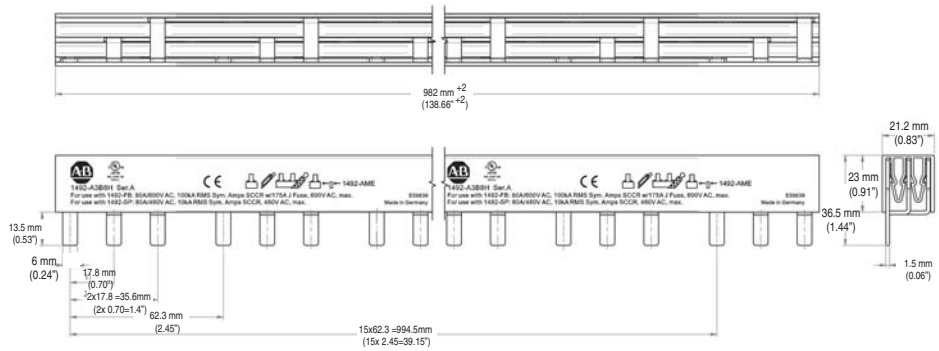


1492-A3B8

3-Phase Bus Bars, with Auxiliary Contact



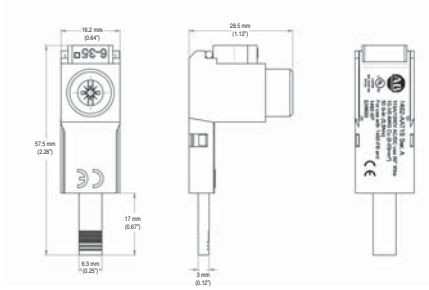
1492-A3B1H



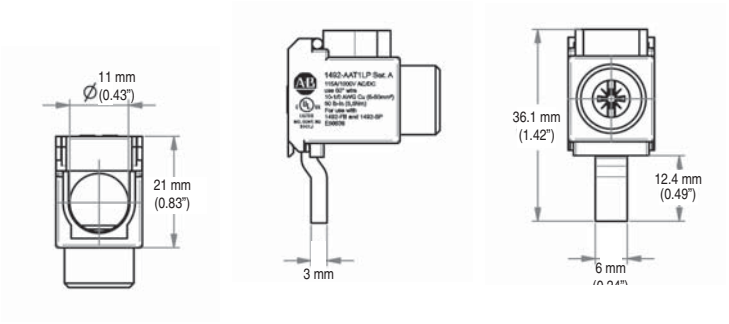
1492-A3B8H

Bus Bar Accessory Approximate Dimensions

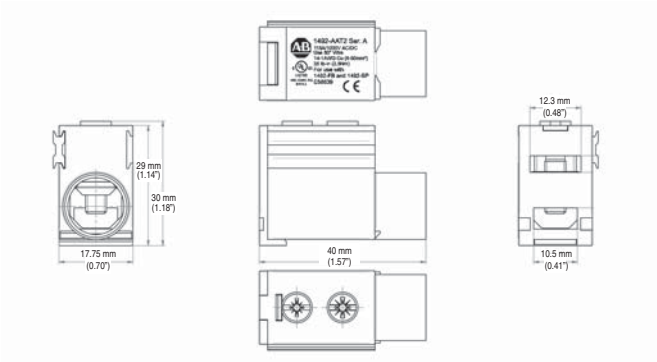
Note: Dimensions are shown in millimeters. Dimensions are not intended for manufacturing purposes.



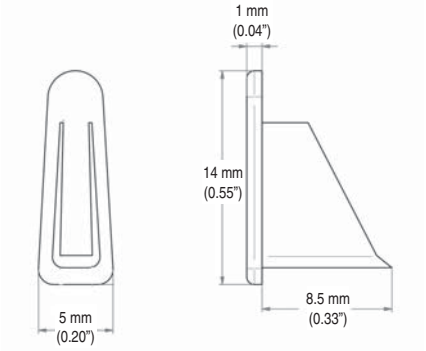
1492-AAT1S



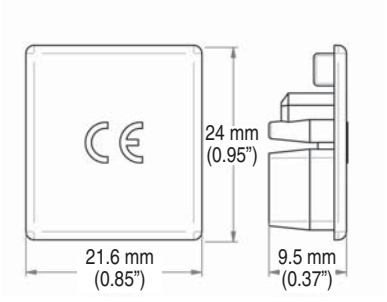
1492-AAT1LP



1492-AAT2



1492-A1E



1492-AME



1492-AAP