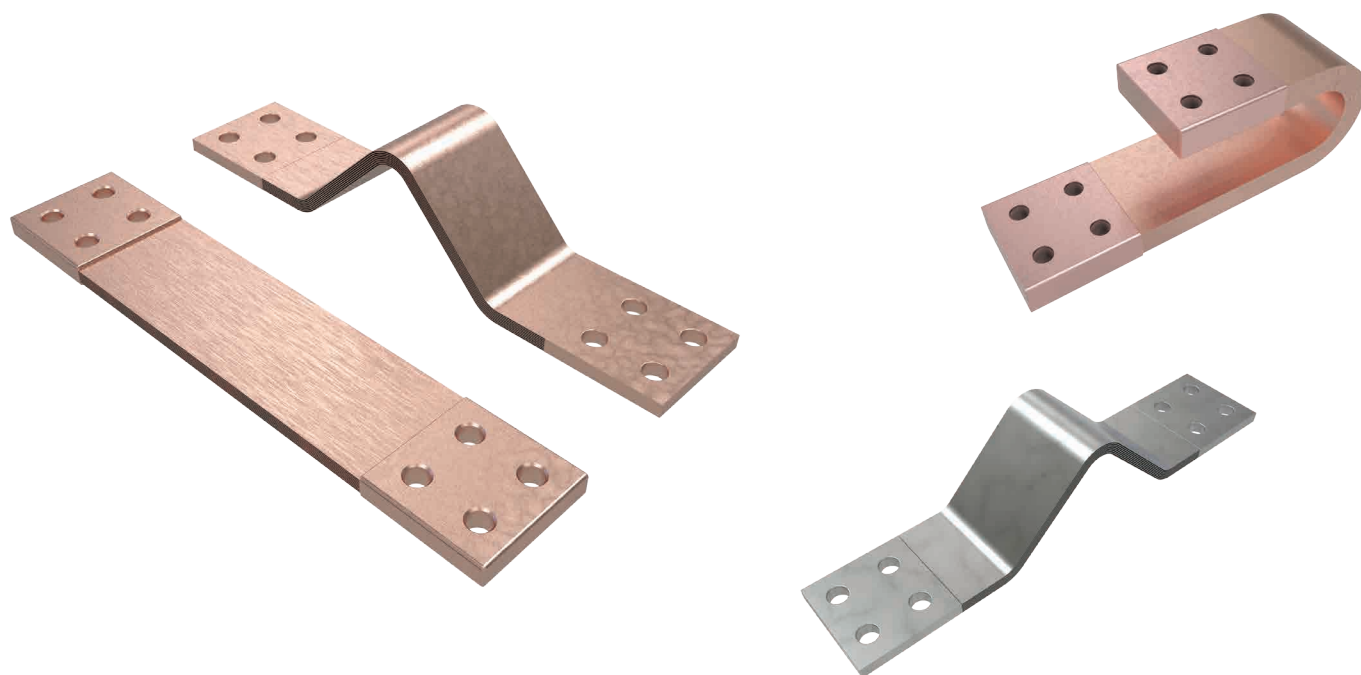


# LAMINATED FLEXIBLE SHUNTS FOR DYNAMIC AND EXPANSION APPLICATIONS



Made by:

**Cu-ETP (CW004A) EN 13599 R290 layers**

For dynamic applications  
with rivetted, press tinned or press welded terminals

**Cu-HCP ( CW021A) EN 13599 R220 layers**

For expansion and compensation applications  
with press welded and MIG welded terminals

**Cu-ETP (CW004A) EN 13599 R220 layers**

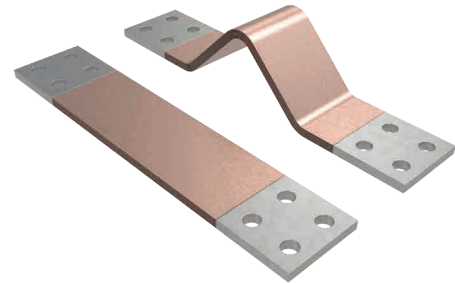
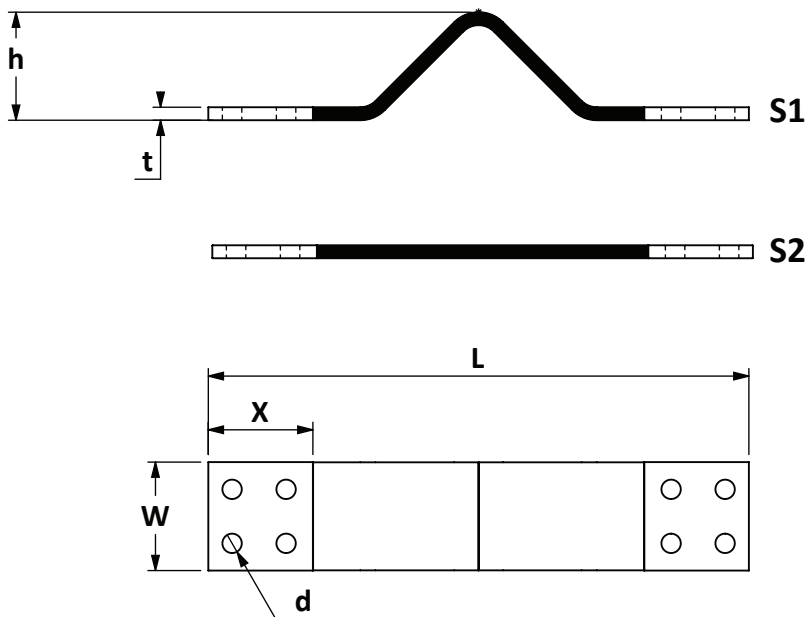
For expansion and compensation applications  
with rivetted or press-tinned terminals

EN AW 1050A aluminium shunts on demand

**Legenda**

Type of application	Coating on layers	Coating on terminals	Insulation / Special Treatment
<b>M</b> Moving	<b>R</b> Bare Copper	<b>R</b> Bare Copper	<b>HPE</b> Heat Shrinkable Sleeve
			<b>SIL</b> Silicone Sleeve
<b>P</b> Expansion	<b>T</b> Tin Plating	<b>T</b> Tin Plating	<b>GFI</b> Glass Fiber Insulation
			<b>HTD</b> Hot Tin Dipped Terminals
			<b>W</b> Press Welded Terminals
<b>S</b> Special	<b>S</b> Silver Plating	<b>S</b> Silver Plating	<b>T</b> Press Tinned Terminals
			<b>M</b> MIG Welded Terminals
	<b>N</b> Nickel Plating	<b>N</b> Nickel Plating	
	<b>A</b> Aluminium		

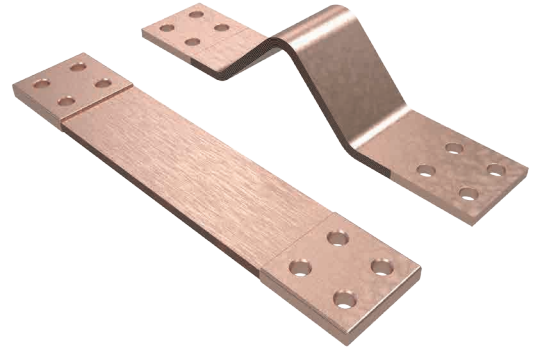
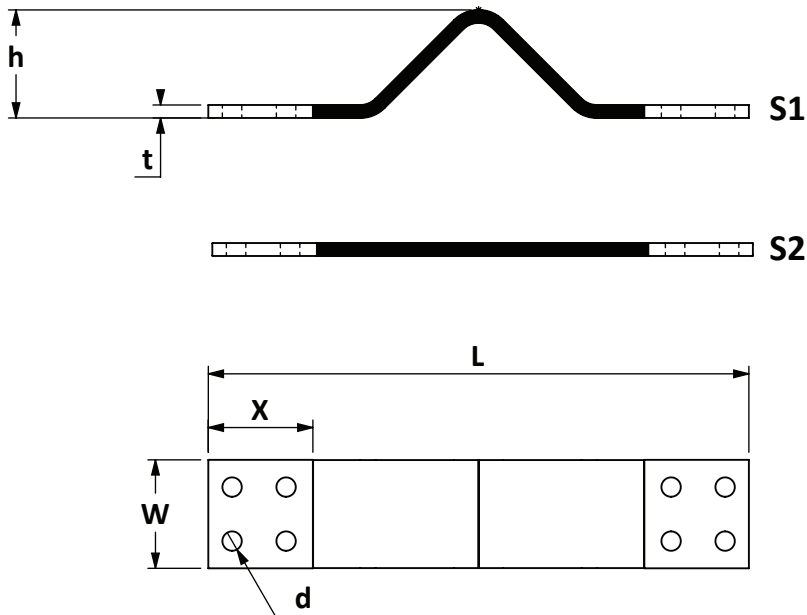
# LAMINATED SHUNTS PRESS TINNED TERMINALS



Expansion and Compensation Shunts  
 Bare copper or tinned copper laminates - Press tinned terminals  
 Cu-ETP ( CW004A) EN 13599 R220 strips, thickness 0,2 mm  
 Special dimensions and design on request  
 Insulation on demand  
 Galvanic coating on demand  
 Current loads following IEC 439  
 Standard drilling Patterns according to page 13

Bare Copper	Tin-Plated Copper	Cross Section	W	X	t	L	h (S1)	d	Drilling	Current load		
										mm <sup>2</sup>	dimensions in mm	
PRT 100-200 S1	PTT 100-200 S1	100	50	50	2	200	30	13	P1	400 A	550 A	680 A
PRT 150-250 S1	PTT 150-250 S1	150	50	50	3	250	40	13	P1	490 A	680 A	840 A
PRT 200-300 S1	PTT 200-300 S1	200	50	50	4	300	50	13	P1	570 A	790 A	970 A
PRT 250-300 S1	PTT 250-300 S1	250	50	50	5	300	50	13	P1	650 A	890 A	1100 A
PRT 400-400 S1	PTT 400-400 S1	400	80	80	5	400	70	13	P4	950 A	1320 A	1620 A
PRT 500-400 S1	PTT 500-400 S1	500	80	80	6,3	400	70	13	P4	1070 A	1480 A	1820 A
PRT 600-400 S1	PTT 600-400 S1	600	80	80	7,5	400	70	13	P4	1180 A	1630 A	2000 A
PRT 800-400 S1	PTT 800-400 S1	800	80	80	10	400	70	13	P4	1380 A	1900 A	2330 A
PRT 1000-450 S1	PTT 1000-450 S1	1000	100	100	10	450	70	13	P5	1660 A	2280 A	2800 A
PRT 1200-450 S1	PTT 1200-450 S1	1200	100	100	12	450	70	13	P5	1830 A	2520 A	3090 A
PRT 1500-500 S1	PTT 1500-500 S1	1500	120	120	12,5	500	70	13	P7	2170 A	2990 A	3670 A
PRT 1800-500 S1	PTT 1800-500 S1	1800	120	120	15	500	70	13	P7	2390 A	3300 A	4050 A
PRT 2000-500 S1	PTT 2000-500 S1	2000	120	120	16,7	500	70	13	P7	2530 A	3490 A	4290 A

# LAMINATED SHUNTS PRESSWELDED TERMINALS



Expansion and Compensation Shunts  
 Bare copper - Press welded terminals  
 Cu-HCP ( CW021A) EN 13599 R220 strips, thickness 0,2 mm  
 Special dimensions and design on demand  
 Insulation on demand  
 Galvanic coating on demand  
 Current loads following IEC 439  
 Standard drilling Patterns according to page 13

Bare Copper	Cross Section	W	X	t	L	h (S1)	d	Drilling	Current load		
	mm <sup>2</sup>								dimensions in mm		
PRW 100-200 S1	100	50	50	2	200	30	13	P1	400 A	550 A	680 A
PRW 150-250 S1	150	50	50	3	250	40	13	P1	490 A	680 A	840 A
PRW 200-300 S1	200	50	50	4	300	50	13	P1	570 A	790 A	970 A
PRW 250-300 S1	250	50	50	5	300	50	13	P1	650 A	890 A	1100 A
PRW 400-400 S1	400	80	80	5	400	70	13	P4	950 A	1320 A	1620 A
PRW 500-400 S1	500	80	80	6,3	400	70	13	P4	1070 A	1480 A	1820 A
PRW 600-400 S1	600	80	80	7,5	400	70	13	P4	1180 A	1630 A	2000 A
PRW 800-400 S1	800	80	80	10	400	70	13	P4	1380 A	1900 A	2330 A
PRW 1000-450 S1	1000	100	100	10	450	70	13	P5	1660 A	2280 A	2800 A
PRW 1200-450 S1	1200	100	100	12	450	70	13	P5	1830 A	2520 A	3090 A
PRW 1500-500 S1	1500	120	120	12,5	500	70	13	P7	2170 A	2990 A	3670 A
PRW 1800-500 S1	1800	120	120	15	500	70	13	P7	2390 A	3300 A	4050 A
PRW 2000-500 S1	2000	120	120	16,7	500	70	13	P7	2530 A	3490 A	4290 A