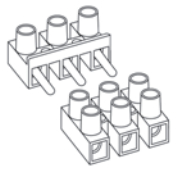


SCREW CLAMP CONNECTION TECHNOLOGY



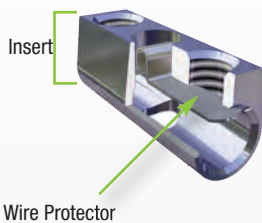
- Quick and Efficient Wire-to-Wire connection solution
- Modern Replacement for traditional Double-Row Barrier Style Terminal Blocks
- Touch-proof design to eliminate shorts
- Available in 12 poles or precut to required number of poles
- Easy to cut to length by using hacksaw or utility knife
- Safe, Gas-tight connection
- Reliable connection utilizing a precision machined tubular screw clamp insert
- Accessories for convenient wire installation and usage



SELECTION GUIDE

HE SERIES with wire protector

MATERIAL SPECIFICATIONS


Current Carrying Metal
Corrosion free material

- Insert: Tinned Brass
- Screw: Blue chromated steel
- Wire protector: Stainless Steel

Terminal Block Housing

- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

Polyamide 66 Specifications

Upper Temperature Limit: 125°C
 Lower Temperature Limit: -30°C
 Flammability UL94: V0

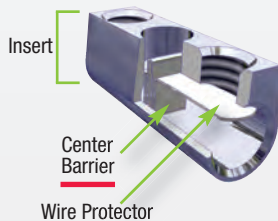
HE Series Flat Base 300V
 page 96-97

HEH Series Standoff Feet 600V
 page 98-99

HE42 Series Pluggable 300V, 600V
 page 100-101

ATS SERIES with wire protector - Center Barrier

MATERIAL SPECIFICATIONS


Current Carrying Metal
Corrosion free material

- Insert: Nickel-plated copper alloy
- Screw: yellow chromated steel
- Wire protector: Stainless Steel
- Middle Barrier: Stainless Steel

Terminal Block Housing

- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

Polyamide 66 Specifications

Upper Temperature Limit: 125°C
 Lower Temperature Limit: -30°C
 Flammability UL94: V0

ATS Series Flat Base 300V
 page 102

ATSF Series Standoff Feet 600V
 page 103

ACCESSORIES



Jumpers, Separation Plates, Marking Pins, Imprinting
 page 104-105

HIGHLIGHTS

FEATURES

- 300V up to 63A
- Cost effective reliable wire-to-wire solution
- Easy to use double-row terminal strips
- Panel mount or free float
- Finger safe metal parts
- Wire protector
- easy to cut to required pole configuration
- Pre cut version in stock
- Color: white

APPLICATIONS

- HVAC
- Appliances
- Equipment
- Power Distribution
- Junction Boxes
- Cost effective alternative to barrier strips

Dimensions & Weight

Pitch Spacing	8 mm	10 mm
Weight per piece (12 pole)	16.2 g	31.6 g

Technical Data/Ratings

Approvals	 	 E211022	 60998-2-1	 E211022	 60998-2-1
Wire Size (solid / stranded)		24-12 AWG	1-2.5 mm ²	24-10 AWG	2.5-4 mm ²
Voltage Rating		300 V	400 V	300 V	400 V
Current Rating		20 A	6 A	30 A	10 A
Torque		4.4 lb-in	0.35 Nm	7.0 lb-in	0.4 Nm
Insulation Material		Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material		Tinned Brass		Tinned Brass	
Terminal Screw Material		Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

Wire Stripping Length	5 mm	6 mm
Mounting Hole Diameter	3.0 mm	3.6 mm
Terminal Screw Size	M2.6	M3

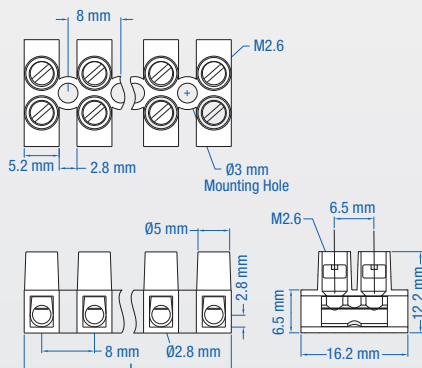
Terminal Strips

	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.
2 pole	HE1WPR/02	13.2 mm	100	HE4WPR/02	16.4 mm	100
3 pole	HE1WPR/03	21.2 mm	100	HE4WPR/03	26.4 mm	100
4 pole	HE1WPR/04	29.2 mm	100	HE4WPR/04	36.4 mm	100
5 pole	HE1WPR/05	37.2 mm	100	HE4WPR/05	46.4 mm	100
6 pole	HE1WPR/06	45.2 mm	50	HE4WPR/06	56.4 mm	50
7 pole	HE1WPR/07	53.2 mm	50	HE4WPR/07	66.4 mm	50
8 pole	HE1WPR/08	61.2 mm	50	HE4WPR/08	76.4 mm	50
9 pole	HE1WPR/09	69.2 mm	50	HE4WPR/09	86.4 mm	50
10 pole	HE1WPR/10	77.2 mm	50	HE4WPR/10	96.4 mm	50
11 pole	HE1WPR/11	85.2 mm	50	HE4WPR/11	106.4 mm	50
12 pole	HE1WPR/12	93.2 mm	50	HE4WPR/12	116.4 mm	50

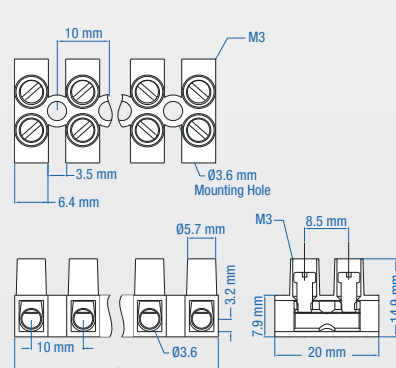
Accessories

External Jumpers	2 pole	HCL8-2	100	HCL10-2	100
	3 pole	HCL8-3	100	HCL10-3	100
	4 pole	HCL8-4	100	HCL10-4	100
	12 pole	HCL8-12	25	HCL10-12	25
Marking Plates	Blank	—	—	BS24E	25
	No. 1-12	—	—	BS24EM1-12	25
	No. 13-24	—	—	BS24EM13-24	25

HE1 DIMENSIONS



HE4 DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HE6



HE10



HE16



Dimensions & Weight

Pitch Spacing	12 mm	15 mm	15 mm
Weight per piece (12 pole)	47.0 g	95.5 g	94.5 g

Technical Data/Ratings

Approvals	 	 E211022	 60998-2-1	 E211022	 60998-2-1	 E211022	 60998-2-1
Wire Size (solid / stranded)		20-10 AWG	4-6 mm ²	18-8 AWG	6-10 mm ²	18-6 AWG	10-16 mm ²
Voltage Rating		300 V	400 V	300 V	400 V	300 V	400 V
Current Rating		40 A	16 A	50 A	25 A	63 A	35 A
Torque		7.0 lb-in	0.55 Nm	10.6 lb-in	0.84 Nm	17.7 lb-in	1.4 Nm
Insulation Material		Polyamide 66/6 V0		Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material		Tinned Brass		Tinned Brass		Tinned Brass	
Terminal Screw Material		Blue Chromated Steel		Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

Wire Stripping Length	7 mm	8.5 mm	8.5 mm
Mounting Hole Diameter	4.2 mm	4.5 mm	4.5 mm
Terminal Screw Size	M3.5	M4	M5

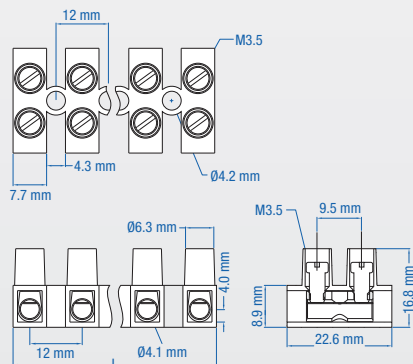
Terminal Strips

	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.
2 pole	HE6WPR/02	19.8 mm	100	HE10WPR/02	24.2 mm	50	HE16WPR/02	24.2 mm	50
3 pole	HE6WPR/03	31.8 mm	100	HE10WPR/03	39.2 mm	50	HE16WPR/03	39.2 mm	50
4 pole	HE6WPR/04	43.8 mm	100	HE10WPR/04	54.2 mm	50	HE16WPR/04	54.2 mm	50
5 pole	HE6WPR/05	55.8 mm	100	HE10WPR/05	69.2 mm	50	HE16WPR/05	69.2 mm	50
6 pole	HE6WPR/06	67.8 mm	50	HE10WPR/06	84.2 mm	25	HE16WPR/06	84.2 mm	25
7 pole	HE6WPR/07	79.8 mm	50	HE10WPR/07	99.2 mm	25	HE16WPR/07	99.2 mm	25
8 pole	HE6WPR/08	91.8 mm	50	HE10WPR/08	114.2 mm	25	HE16WPR/08	114.2 mm	25
9 pole	HE6WPR/09	103.8 mm	50	HE10WPR/09	129.2 mm	25	HE16WPR/09	129.2 mm	25
10 pole	HE6WPR/10	115.8 mm	25	HE10WPR/10	144.2 mm	10	HE16WPR/10	144.2 mm	10
11 pole	HE6WPR/11	127.8 mm	25	HE10WPR/11	159.2 mm	10	HE16WPR/11	159.2 mm	10
12 pole	HE6WPR/12	139.8 mm	25	HE10WPR/12	174.2 mm	10	HE16WPR/12	174.2 mm	10

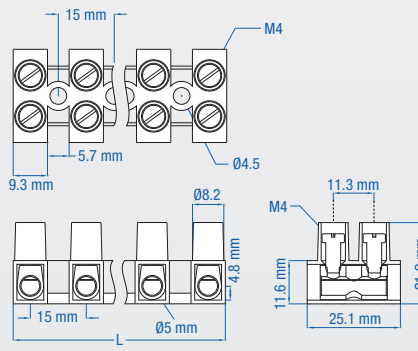
Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
External Jumpers						
2 pole	HCL12-2	100	HCL15-2	100	HCL15-2	100
3 pole	HCL12-3	100	HCL15-3	100	HCL15-3	100
4 pole	HCL12-4	100	HCL15-4	100	HCL15-4	100
12 pole	HCL12-12	25	HCL15-12	25	HCL15-12	25
Marking Plates						
Blank	BS60E	25	BS1016E	25	BS1016E	25
No. 1-12	BS60EM1-12	25	BS1016EM1-12	25	BS1016EM1-12	25
No. 13-24	BS60EM13-24	25	BS1016EM13-24	25	BS1016EM13-24	25

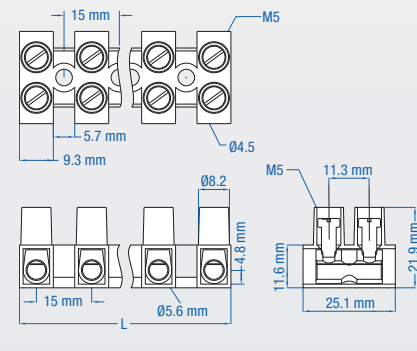
HE6 DIMENSIONS



HE10 DIMENSIONS



HE16 DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HIGHLIGHTS

FEATURES

- 600V up to 63A
- Cost effective reliable wire-to-wire solution
- Easy to use double-row terminal strips
- Panel mount or free float
- Finger safe metal parts
- Wire protector
- easy to cut to required pole configuration
- Pre cut version in stock
- Color: white

APPLICATIONS

- HVAC
- Appliances
- Equipment
- Power Distribution
- Junction Boxes
- Cost effective alternative to barrier strips

Dimensions & Weight

Pitch Spacing	8 mm	10 mm
Weight per piece (12 pole)	17.2 g	33.0 g

Technical Data/Ratings

Approvals	 	 E211022	 60998-2-1	 E211022	 60998-2-1
Wire Size (solid / stranded)		24-12 AWG	1-2.5 mm ²	24-10 AWG	2.5-4 mm ²
Voltage Rating		600 V	500 V	600 V	500 V
Current Rating		20 A	6 A	30 A	10 A
Torque		4.4 lb-in	0.35 Nm	7.0 lb-in	0.4 Nm
Insulation Material		Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material		Tinned Brass		Tinned Brass	
Screw Material		Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

Wire Stripping Length	5 mm	6 mm
Mounting Hole Diameter	3.0 mm	3.6 mm
Terminal Screw Size	M2.6	M3

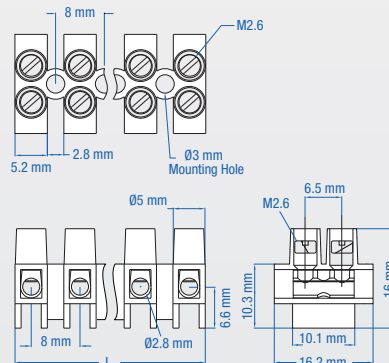
Terminal Strips

	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.
2 pole	HE1HWPR/02	13.2 mm	100	HE4HNWPR/02	16.4 mm	100
3 pole	HE1HWPR/03	21.2 mm	100	HE4HNWPR/03	26.4 mm	100
4 pole	HE1HWPR/04	29.2 mm	100	HE4HNWPR/04	36.4 mm	100
5 pole	HE1HWPR/05	37.2 mm	100	HE4HNWPR/05	46.4 mm	100
6 pole	HE1HWPR/06	45.2 mm	50	HE4HNWPR/06	56.4 mm	50
7 pole	HE1HWPR/07	53.2 mm	50	HE4HNWPR/07	66.4 mm	50
8 pole	HE1HWPR/08	61.2 mm	50	HE4HNWPR/08	76.4 mm	50
9 pole	HE1HWPR/09	69.2 mm	50	HE4HNWPR/09	86.4 mm	50
10 pole	HE1HWPR/10	77.2 mm	50	HE4HNWPR/10	96.4 mm	50
11 pole	HE1HWPR/11	85.2 mm	50	HE4HNWPR/11	106.4 mm	50
12 pole	HE1HWPR/12	93.2 mm	50	HE4HNWPR/12	116.4 mm	50

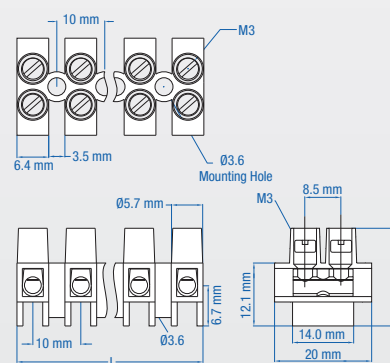
Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
External Jumpers				
2 pole	HCL8-2	100	HCL10-2	100
3 pole	HCL8-3	100	HCL10-3	100
4 pole	HCL8-4	100	HCL10-4	100
12 pole	HCL8-12	25	HCL10-12	25
Marking Plates				
Blank	—	—	BS24E	25
No. 1-12	—	—	BS24EM1-12	25
No. 13-24	—	—	BS24EM13-24	25
Isolation Partition	—	—	HEP4/6H	5
Mounting Pins	—	—	H4	50

HE1H DIMENSIONS



HE4HN DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HE6H**HE10H****HE16H****Dimensions & Weight**

Pitch Spacing	12 mm	15 mm	15 mm
Weight per piece (12 pole)	49.1 g	98.7 g	99.3 g

Technical Data/Ratings

Approvals	  	 	 			
Wire Size (solid / stranded)	20-10 AWG	4-6 mm ²	18-8 AWG	6-10 mm ²	18-6 AWG	10-16 mm ²
Voltage Rating	600 V	500 V	600 V	500 V	600 V	500 V
Current Rating	40 A	16 A	50 A	25 A	63 A	35 A
Torque	7.0 lb-in	0.55 Nm	7.6 lb-in	0.84 Nm	17.7 lb-in	1.4 Nm
Insulation Material	Polyamide 66/6 V0		Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material	Tinned Brass		Tinned Brass		Tinned Brass	
Terminal Screw Material	Blue Chromated Steel		Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

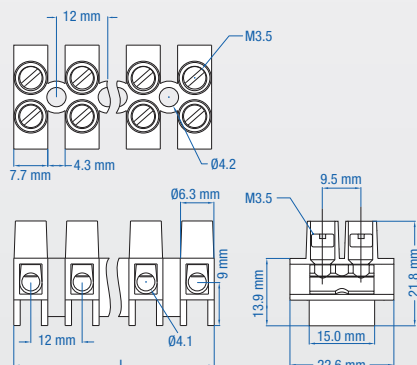
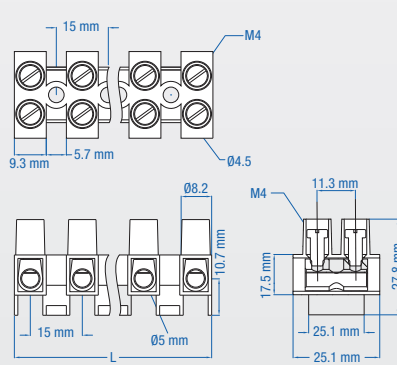
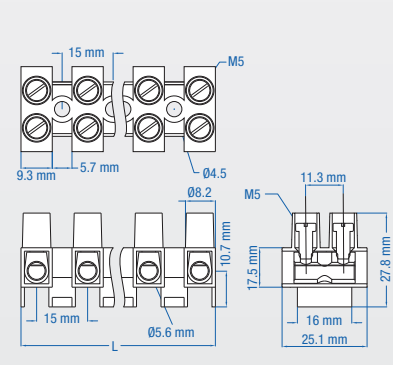
Wire Stripping Length	5 mm	6 mm	6 mm
Mounting Hole Diameter	4.2 mm	4.5 mm	4.5 mm
Terminal Screw Size	M3.5	M4	M5

Terminal Strips

	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.
2 pole	HE6HWPR/02	19.8 mm	100	HE10HWPR/02	24.2 mm	40	HE16HWPR/02	24.2 mm	40
3 pole	HE6HWPR/03	31.8 mm	100	HE10HWPR/03	39.2 mm	40	HE16HWPR/03	39.2 mm	40
4 pole	HE6HWPR/04	43.8 mm	100	HE10HWPR/04	54.2 mm	40	HE16HWPR/04	54.2 mm	40
5 pole	HE6HWPR/05	55.8 mm	100	HE10HWPR/05	69.2 mm	40	HE16HWPR/05	69.2 mm	40
6 pole	HE6HWPR/06	67.8 mm	50	HE10HWPR/06	84.2 mm	20	HE16HWPR/06	84.2 mm	20
7 pole	HE6HWPR/07	79.8 mm	50	HE10HWPR/07	99.2 mm	20	HE16HWPR/07	99.2 mm	20
8 pole	HE6HWPR/08	91.8 mm	50	HE10HWPR/08	114.2 mm	20	HE16HWPR/08	114.2 mm	20
9 pole	HE6HWPR/09	103.8 mm	50	HE10HWPR/09	129.2 mm	10	HE16HWPR/09	129.2 mm	10
10 pole	HE6HWPR/10	115.8 mm	25	HE10HWPR/10	144.2 mm	10	HE16HWPR/10	144.2 mm	10
11 pole	HE6HWPR/11	127.8 mm	25	HE10HWPR/11	159.2 mm	10	HE16HWPR/11	159.2 mm	10
12 pole	HE6HWPR/12	139.8 mm	25	HE10HWPR/12	174.2 mm	10	HE16HWPR/12	174.2 mm	10

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
External Jumpers						
2 pole	HCL12-2	100	HCL15-2	100	HCL15-2	100
3 pole	HCL12-3	100	HCL15-3	100	HCL15-3	100
4 pole	HCL12-4	100	HCL15-4	100	HCL15-4	100
12 pole	HCL12-12	25	HCL15-12	25	HCL15-12	25
Marking Plates						
Blank	BS60E	25	—	—	—	—
No. 1-12	BS60EM1-12	25	—	—	—	—
No. 13-24	BS60EM13-24	25	—	—	—	—
Isolation Partition	HEP4/6H	5	—	—	—	—
Mounting Pins	H6	50	—	—	—	—

HE6H DIMENSIONS**HE10H DIMENSIONS****HE16H DIMENSIONS**

(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HIGHLIGHTS

FEATURES

- Plug & Socket
- Cost effective reliable wire-to-wire solution
- Easy to use double-row terminal strips
- Panel mount or free float
- Finger safe metal parts
- Wire protector
- easy to cut to required pole configuration
- Pre cut version in stock
- 300V / 600V up to 63A
- Color: white

APPLICATIONS

- HVAC
- Appliances
- Equipment
- Power Distribution
- Junction Boxes
- Cost effective alternative to barrier strips

Dimensions & Weight

Pitch Spacing	
Weight per piece (12 pole)	

10 mm
30.6 g

10 mm
30.4 g

Technical Data/Ratings

Approvals	CE (F)
Wire Size (solid / stranded)	
Voltage Rating	
Current Rating	
Torque	
Insulation Material	
Insert Material	
Terminal Screw Material	

c US E211022	IEC 60998-2-1
24-10 AWG	2.5-4 mm ²
300 V	400 V
20 A	10 A
7.0 lb-in	0.4 Nm
Polyamide 66/6 V0	
Tinned Brass	
Blue Chromated Steel	

c US E211022	IEC 60998-2-1
24-10 AWG	2.5-4 mm ²
300 V	400 V
20 A	10 A
7.0 lb-in	0.4 Nm
Polyamide 66/6 V0	
Tinned Brass	
Blue Chromated Steel	

Installation Instructions

Wire Stripping Length	
Mounting Hole Diameter	
Terminal Screw Size	

7 mm
3.0 mm
M2.6

6 mm
3.6 mm
M3

Terminal Strips

2 pole
3 pole
4 pole
5 pole
6 pole
7 pole
8 pole
9 pole
10 pole
11 pole
12 pole

Cat. No.	Length	Std. Pk.
HE42ST/02	16.4 mm	100
HE42ST/03	26.4 mm	100
HE42ST/04	36.4 mm	100
HE42ST/05	46.4 mm	100
HE42ST/06	56.4 mm	50
HE42ST/07	66.4 mm	50
HE42ST/08	76.4 mm	50
HE42ST/09	86.4 mm	50
HE42ST/10	96.4 mm	50
HE42ST/11	106.4 mm	50
HE42ST/12	116.4 mm	50

Cat. No.	Length	Std. Pk.
HE42BU/02	16.4 mm	100
HE42BU/03	26.4 mm	100
HE42BU/04	36.4 mm	100
HE42BU/05	46.4 mm	100
HE42BU/06	56.4 mm	50
HE42BU/07	66.4 mm	50
HE42BU/08	76.4 mm	50
HE42BU/09	86.4 mm	50
HE42BU/10	96.4 mm	50
HE42BU/11	106.4 mm	50
HE42BU/12	116.4 mm	50

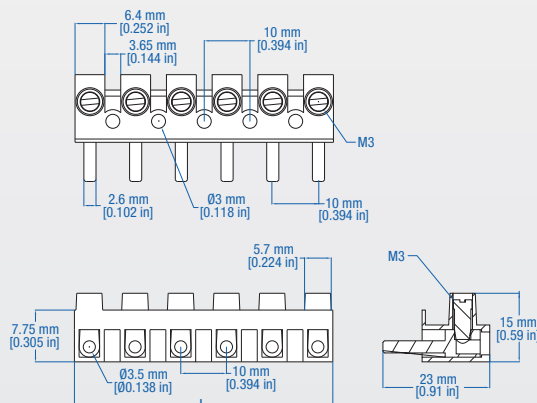
Accessories

External Jumpers	2 pole
	3 pole
	4 pole
	12 pole
Marking Plates	Blank
	No. 1-12
	No. 13-24

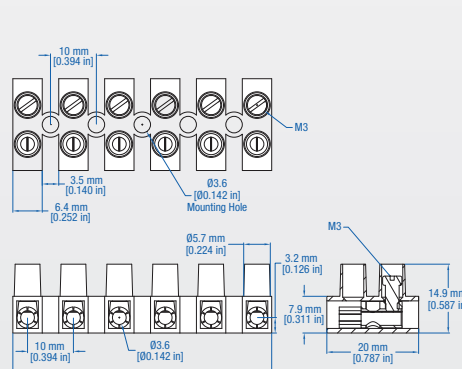
Cat. No.	Std. Pk.
HCL10-2	100
HCL10-3	100
HCL10-4	100
HCL10-12	25
BS24E	25
BS24EM1-12	25
BS24EM13-24	25

Cat. No.	Std. Pk.
HCL10-2	100
HCL10-3	100
HCL10-4	100
HCL10-12	25
BS24E	25
BS24EM1-12	25
BS24EM13-24	25

HE42ST DIMENSIONS



HE42BU DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HE42SST



HE42SBU



Dimensions & Weight

Pitch Spacing	10 mm	10 mm
Weight per piece (12 pole)	30.6 g	30.4 g

Technical Data/Ratings

Approvals	 				
Wire Size (solid / stranded)	24-10 AWG	2.5-4 mm ²	24-10 AWG	2.5-4 mm ²	2.5-4 mm ²
Voltage Rating	600 V	500 V	600 V	500 V	500 V
Current Rating	20 A	10 A	20 A	10 A	10 A
Torque	7.0 lb-in	0.4 Nm	7.0 lb-in	0.4 Nm	0.4 Nm
Insulation Material	Polyamide 66/6 V0			Polyamide 66/6 V0	
Insert Material	Tinned Brass			Tinned Brass	
Terminal Screw Material	Blue Chromated Steel			Blue Chromated Steel	

Installation Instructions

Wire Stripping Length	7 mm	6 mm
Mounting Hole Diameter	3.0 mm	3.6 mm
Terminal Screw Size	M3.5	M4

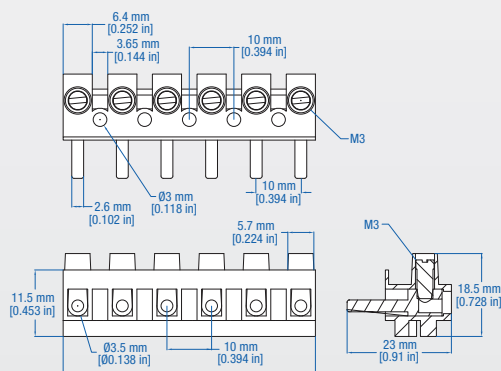
Terminal Strips

	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.
2 pole	HE42SST/02	16.4 mm	100	HE42SBU/02	16.4 mm	100
3 pole	HE42SST/03	26.4 mm	100	HE42SBU/03	26.4 mm	100
4 pole	HE42SST/04	36.4 mm	100	HE42SBU/04	36.4 mm	100
5 pole	HE42SST/05	46.4 mm	100	HE42SBU/05	46.4 mm	100
6 pole	HE42SST/06	56.4 mm	50	HE42SBU/06	56.4 mm	50
7 pole	HE42SST/07	66.4 mm	50	HE42SBU/07	66.4 mm	50
8 pole	HE42SST/08	76.4 mm	50	HE42SBU/08	76.4 mm	50
9 pole	HE42SST/09	86.4 mm	50	HE42SBU/09	86.4 mm	50
10 pole	HE42SST/10	96.4 mm	50	HE42SBU/10	96.4 mm	50
11 pole	HE42SST/11	106.4 mm	50	HE42SBU/11	106.4 mm	50
12 pole	HE42SST/12	116.4 mm	50	HE42SBU/12	116.4 mm	50

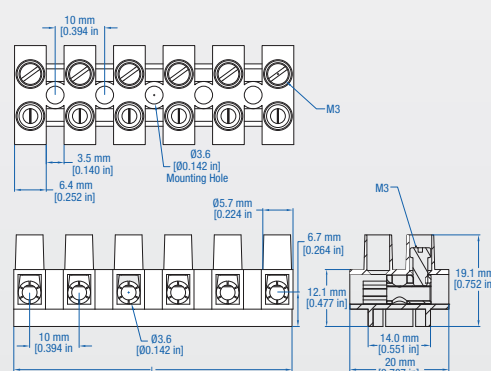
Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
External Jumpers				
2 pole	HCL10-2	100	HCL10-2	100
3 pole	HCL10-3	100	HCL10-3	100
4 pole	HCL10-4	100	HCL10-4	100
12 pole	HCL10-12	25	HCL10-12	25
Marking Plates				
Blank	BS24E	25	BS24E	25
No. 1-12	BS24EM1-12	25	BS24EM1-12	25
No. 13-24	BS24EM13-24	25	BS24EM13-24	25

HE42SST DIMENSIONS



HE42SBU DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

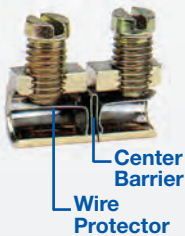
HIGHLIGHTS

FEATURES

- Center Barrier / Wire Protector
- 300V/600V up to 63A
- Cost effective reliable wire-to-wire solution
- Easy to use double-row terminal strips
- Panel mount or free float
- Finger safe metal parts
- Wire protector
- easy to cut to required pole configuration
- Pre cut version in stock
- Color: translucent white

APPLICATIONS

- HVAC
- Appliances
- Equipment
- Power Distribution
- Junction Boxes
- Cost effective alternative to barrier strips



Dimensions & Weight

Pitch Spacing	
Weight per piece (12 pole)	

8 mm
22 g

10 mm
34 g

12 mm
44 g

Technical Data/Ratings

Approvals	CE	FI	EMC
Wire Size (solid / stranded)			
Voltage Rating			
Current Rating			
Torque			
Insulation Material			
Insert Material			
Terminal Screw Material			

US E496554	US 60947-7-1	IEC 60947-7-1
22-12 AWG	22-16 AWG	0.2-1.5 mm ²
300 V	300 V	400 V
20 A	15 A	15 A
4.4 lb-in	0.5 Nm	
Polyamide 6.6		
Nickel Plated Copper Alloy		
Zinc Yellow Chromated Steel		

US E496554	US 60947-7-1	IEC 60947-7-1
22-10 AWG	18-12 AWG	0.2-4 mm ²
300 V	300 V	400 V
30 A	30 A	26 A
5.3 lb-in	0.5 Nm	
Polyamide 6.6		
Nickel Plated Copper Alloy		
Zinc Yellow Chromated Steel		

US E496554	US 60947-7-1	IEC 60947-7-1
20-8 AWG	18-10 AWG	0.2-6 mm ²
300 V	300 V	400 V
40 A	40 A	44 A
7 lb-in	0.5 Nm	
Polyamide 6.6		
Nickel Plated Copper Alloy		
Zinc Yellow Chromated Steel		

Installation Instructions

Wire Stripping Length	
Mounting Hole Diameter	
Terminal Screw Size	

5 mm (0.2 in.)
2.8 mm
M2.5

6 mm (0.24 in.)
3.5 mm
M3

7 mm (0.28 in.)
4.4 mm
M3.5

Terminal Blocks

2 pole
3 pole
4 pole
5 pole
6 pole
7 pole
8 pole
9 pole
10 pole
11 pole
12 pole

Cat. No.	Type	L (mm)	Pk.
40.002	ATS1.5/2	13.6 mm	100
40.003	ATS1.5/3	21.5 mm	100
40.004	ATS1.5/4	29.5 mm	100
40.005	ATS1.5/5	37.4 mm	100
40.006	ATS1.5/6	45.4 mm	50
40.007	ATS1.5/7	53.3 mm	50
40.008	ATS1.5/8	61.3 mm	50
40.009	ATS1.5/9	69.2 mm	50
40.010	ATS1.5/10	77.2 mm	50
40.011	ATS1.5/11	85.1 mm	50
40.012	ATS1.5/12	93.0 mm	50

Cat. No.	Type	L (mm)	Pk.
40.202	ATS1.5/2	17.0 mm	100
40.203	ATS1.5/3	27.0 mm	100
40.204	ATS1.5/4	37.0 mm	100
40.205	ATS1.5/5	47.0 mm	100
40.206	ATS1.5/6	57.0 mm	50
40.207	ATS1.5/7	67.0 mm	50
40.208	ATS1.5/8	77.0 mm	50
40.209	ATS1.5/9	87.0 mm	50
40.210	ATS1.5/10	97.0 mm	50
40.211	ATS1.5/11	107.0 mm	50
40.212	ATS1.5/12	117.0 mm	50

Cat. No.	Type	L (mm)	Pk.
40.402	ATS1.5/2	20.0 mm	100
40.403	ATS1.5/3	32.0 mm	100
40.404	ATS1.5/4	44.0 mm	100
40.405	ATS1.5/5	56.0 mm	100
40.406	ATS1.5/6	68.0 mm	50
40.407	ATS1.5/7	80.0 mm	50
40.408	ATS1.5/8	92.0 mm	50
40.409	ATS1.5/9	104.0 mm	50
40.410	ATS1.5/10	116.0 mm	50
40.411	ATS1.5/11	128.0 mm	50
40.412	ATS1.5/12	140.0 mm	50

Accessories

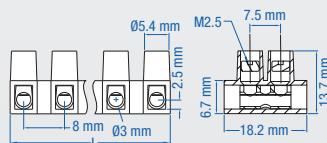
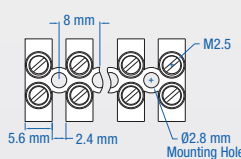
External Jumpers	
Marking Plates	

Cat. No.	Std. Pk.
HCL8-2	100
HCL8-3	100
HCL8-4	100
HCL8-12	25
-	-
-	-
-	-

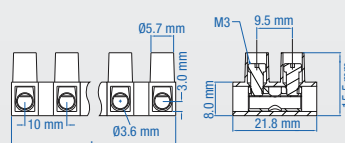
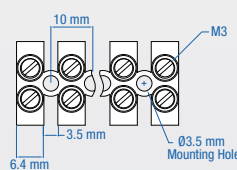
Cat. No.	Std. Pk.
HCL10-2	100
HCL10-3	100
HCL10-4	100
HCL10-12	25
BS24E	25
BS24EM1-12	25
BS24EM13-24	25

Cat. No.	Std. Pk.
HCL12-2	100
HCL12-3	100
HCL12-4	100
HCL12-12	25
BS60E	25
BS60EM1-12	25
BS60EM13-24	25

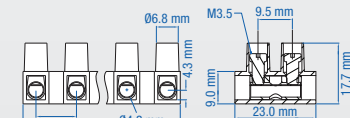
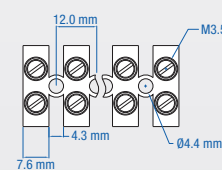
ATS1.5 DIMENSIONS



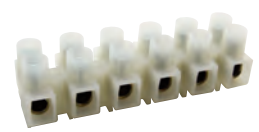
ATS2.5 DIMENSIONS



ATS6 DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

ATSF1.5**ATSF2.5****ATSF6****ATSF16****Dimensions & Weight**

Pitch Spacing	8 mm	10 mm	12 mm	15 mm
Weight per piece (12 pole)	30 g	36 g	50 g	98 g

Technical Data/Ratings

Approvals												
Wire Size (solid / stranded)	22-12 AWG	22-16 AWG	0.2-1.5 mm²	22-10 AWG	18-12 AWG	0.2-4 mm²	20-8 AWG	18-10 AWG	0.2-6 mm²	14-6 AWG	18-6 AWG	0.2-16 mm²
Voltage Rating	600 V	600 V	400 V	600 V	600 V	400 V	600 V	600 V	400 V	600 V	600 V	800 V
Current Rating	20 A	15 A	15 A	30 A	30 A	26 A	40 A	40 A	44 A	63 A	65 A	82 A
Torque	4.4 lb-in		0.5 Nm	5.3 lb-in		0.6 Nm	7 lb-in		0.8 Nm	20 lb-in		2.25 Nm
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
Insert Material	Nickel Plated Copper Alloy			Nickel Plated Copper Alloy			Nickel Plated Copper Alloy			Nickel Plated Copper Alloy		
Terminal Screw Material	Zinc Yellow Chromated Steel			Zinc Yellow Chromated Steel			Zinc Yellow Chromated Steel			Zinc Yellow Chromated Steel		

Installation Instructions

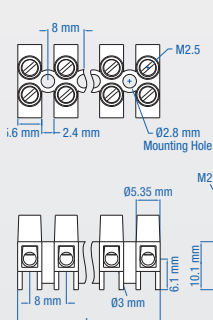
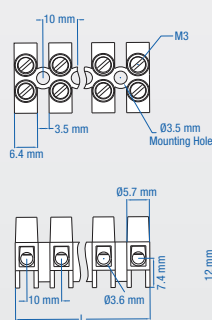
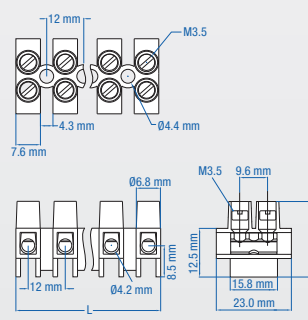
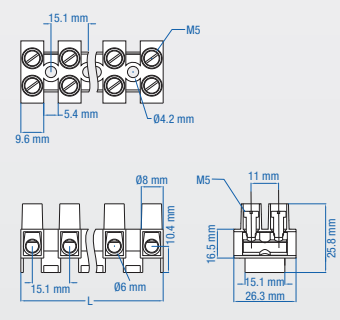
Wire Stripping Length	5 mm (0.2 in.)	6 mm (0.24 in.)	7 mm (0.28 in.)	8 mm (0.32 in.)
Mounting Hole Diameter	2.8 mm	3.5 mm	4.4 mm	4.2 mm
Terminal Screw Size	M2.5	M3	M3.5	M5

Terminal Blocks

	Cat. No.	Type	L (mm)	Pk.	Cat. No.	Type	L (mm)	Pk.	Cat. No.	Type	L (mm)	Pk.	Cat. No.	Type	L (mm)	Pk.
2 pole	40.102	ATSF1.5/2	13.6	100	40.302	ATSF2.5/2	17.0	100	40.502	ATSF6/2	20.0	100	40.702	ATSF16/2	25.0	40
3 pole	40.103	ATSF1.5/3	21.5	100	40.303	ATSF2.5/3	27.0	100	40.503	ATSF6/3	32.0	100	40.703	ATSF16/3	40.0	40
4 pole	40.104	ATSF1.5/4	29.5	100	40.304	ATSF2.5/4	37.0	100	40.504	ATSF6/4	44.0	100	40.704	ATSF16/4	55.0	40
5 pole	40.105	ATSF1.5/5	37.4	100	40.305	ATSF2.5/5	47.0	100	40.505	ATSF6/5	56.0	100	40.705	ATSF16/5	70.5	40
6 pole	40.106	ATSF1.5/6	45.4	50	40.306	ATSF2.5/6	57.0	50	40.506	ATSF6/6	68.0	50	40.706	ATSF16/6	86.0	20
7 pole	40.107	ATSF1.5/7	53.3	50	40.307	ATSF2.5/7	67.0	50	40.507	ATSF6/7	80.0	50	40.707	ATSF16/7	101.0	20
8 pole	40.108	ATSF1.5/8	61.3	50	40.308	ATSF2.5/8	77.0	50	40.508	ATSF6/8	92.0	50	40.708	ATSF16/8	116.0	20
9 pole	40.109	ATSF1.5/9	69.2	50	40.309	ATSF2.5/9	87.0	50	40.509	ATSF6/9	104.0	50	40.709	ATSF16/9	131.0	10
10 pole	40.110	ATSF1.5/10	77.2	50	40.310	ATSF2.5/10	97.0	50	40.510	ATSF6/10	116.0	25	40.710	ATSF16/10	146.0	10
11 pole	40.111	ATSF1.5/11	85.1	50	40.311	ATSF2.5/11	197.0	50	40.511	ATSF6/11	128.0	25	40.711	ATSF16/11	161.0	10
12 pole	40.112	ATSF1.5/12	93.0	50	40.312	ATSF2.5/12	117.0	50	40.512	ATSF6/12	140.0	25	40.712	ATSF16/12	176.0	10

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
External Jumpers	HCL8-2	100	HCL10-2	100	HCL12-2	100	HCL15-2	100
	HCL8-3	100	HCL10-3	100	HCL12-3	100	HCL15-3	100
	HCL8-4	100	HCL10-4	100	HCL12-4	100	HCL15-4	100
	HCL8-12	25	HCL10-12	25	HCL12-12	25	HCL15-12	25
Isolation Partition	—	—	HEP4/6H	5	HEP4/6H	5	—	—
Mounting Pins	—	—	H4	50	H6	50	—	—
Marking Plates	—	—	BS24E	25	BS60E	25	BS1016E	25
	—	—	BS24EM1-12	25	BS60EM1-12	25	BS1016EM1-12	25
	—	—	BS24EM13-24	25	BS60EM13-24	25	BS1016EM13-24	25

ATSF1.5 DIMENSIONS**ATSF2.5 DIMENSIONS****ATSF6 DIMENSIONS****ATSF16 DIMENSIONS**

(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HIGHLIGHTS

EXTERNAL JUMPERS

- Bus potential between poles on terminal Strips
- Eliminates Wire Jumpers
- Less wiring Time
- Material:
Copper Alloy nickel plated (pins)
Polyamide 66 (Insulation)
- Color: Black

ISOLATION PARTITION

- Separation between adjacent poles of different potentials
- Visual separation of poles
- Better circuit Identification
- Increasing wiring efficiency
- Material: Polyamide 66
- Color: black

EXTERNAL JUMPERS

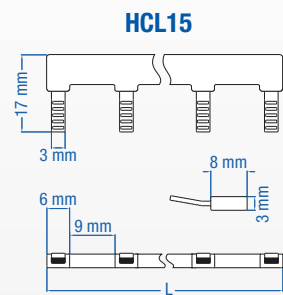
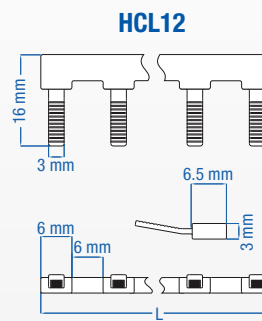
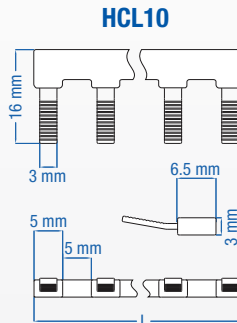
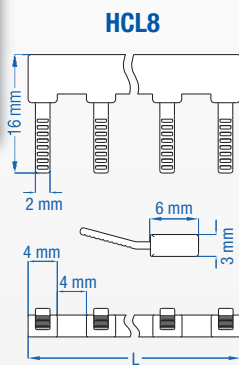


Technical Information

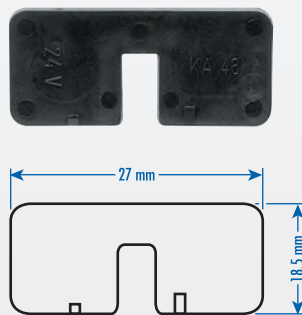
External Jumper	HCL8	HCL10	HCL12	HCL15
Eurostrip	HE1, HE1H	HE4, HE4HN	HE6, HE6H	HE10, HE16, HE10H, HE16H
Pole Spacing	8 mm (0.315 in.)	10 mm (0.394 in.)	12 mm (0.472 in.)	15 mm (0.591 in.)

Ordering Information

	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.
2 pole	HCL8-2	12 mm	100	HCL10-2	15 mm	100	HCL12-2	18 mm	100	HCL15-2	20 mm	100
3 pole	HCL8-3	20 mm	100	HCL10-3	25 mm	100	HCL12-3	30 mm	100	HCL15-3	35 mm	100
4 pole	HCL8-4	28 mm	100	HCL10-4	35 mm	100	HCL12-4	42 mm	100	HCL15-4	50 mm	100
12 pole	HCL8-12	92 mm	25	HCL10-12	115 mm	25	HCL12-12	138 mm	25	HCL15-12	170 mm	25



ISOLATION PARTITIONS



For Eurostrip HE4HN, HE6H, TSF2.5, TSF6

Cat. No.	Dimensions	Std. Pk.
HEP4/16H	27 x 18.5 x 3.4 mm	5

(All dimensions are shown in mm, to convert to inches please divide by 25.4)

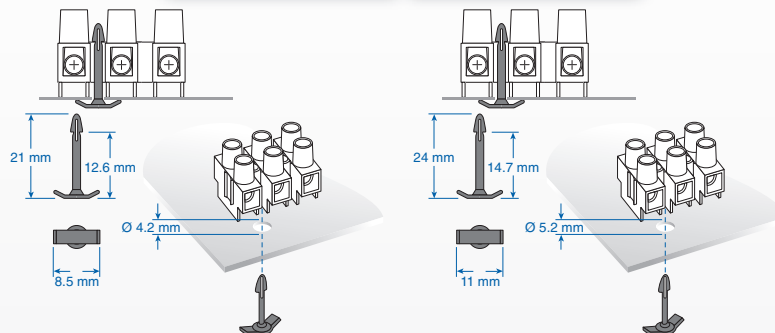
MOUNTING PINS



Technical Information

Mounting Pins	H4	H6
Eurostrip Type	HE4HN	HE6H
Panel Thickness	0.5-1.5 mm	0.8-1.8 mm
Drill Hole Size	Ø4.2 mm	Ø5.2mm

Ordering Information	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
	H4	50	H6	50



MARKING PLATES



Dimensions & Weight

Eurostrip Type	HE4, HE4HN	HE6, HE6H	HE10, HE10H, HE16, HE16H
----------------	------------	-----------	--------------------------

Ordering Information	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Blank	BS24E	25	BS60E	25	BS1016E	25
1-12	BS24EM1-12	25	BS60EM1-12	25	BS1016EM1-12	25
13-24	BS24EM13-24	25	BS60EM13-24	25	BS1016EM13-24	25

IMPRINTING

Imprint Example



HE10HWPR/06/1-6

Order Examples

Ordering Information	Cat. No.	Std. Pk.
Consecutive 1-6	HE10HWPR/06/1-6	500
Consecutive 8-1	HE1WPR/08/8-1	500
Identical	HE6WPR/12/1	500

For custom imprints please contact Altech.

HIGHLIGHTS

MOUNTING PINS

- Faster Panel Mounting with snap-on mounting pins
- Installation
 - 1) Insert Pin through drilled hole
 - 2) Position Eurostrip on mounting pin
 - 3) Snap Eurostrip onto Mounting Pins
- Use 2 or more pins per Eurostrip
- Material: Polycarbonate

MARKING PLATES

- Install Mounting Plate under or on top of Eurostrip
- Easy identification of individual pole positions for more wiring efficiency
- Less installation time
- Blank marking plates for hand-marking
- Imprinted Marking Plates (No. 1-12, 13-24)
- Material: PVC
- Color: white with black imprint

Imprinting

- Mark individual pole positions
- Marking saves installation Time
- Marking on turret location
- Consecutive, identical or custom imprints
- Specify imprinting in part#
- Imprint: black ink, rub-resistant
- 500pcs MOQ

(All dimensions are shown in mm, to convert to inches please divide by 25.4)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Altech:

[HCL12-12](#) [HCL8-12](#) [HCL8-3](#) [HCL8-9](#) [HCL8-6](#) [HCL8-2](#) [HCL8-4](#) [HCL12-3](#) [HCL12-4](#) [HCL12-2](#) [HCL15-12](#) [HCL15-2](#) [HCL15-3](#) [HCL15-4](#) [HCL10-12](#) [HE1WPR/05](#) [HCL10-4](#) [HCL10-3](#) [HCL10-2](#) [HCL10-6](#) [H6](#) [HE10WPR/12](#) [HE16WPR/05](#) [HE16WPR/06](#) [HE16WPR/12](#) [HE1HWPR/12](#) [HE1WPR/03](#) [HE1WPR/04](#) [HE1WPR/10](#) [HE1WPR/12](#) [HE42BU/06](#) [HE42BU/10](#) [HE4WPR/03](#) [HE4WPR/04](#) [HE4WPR/12](#) [HE6WPR/12](#) [HE16WPR/02](#) [HE4WPR/02](#) [HE4WPR/05](#) [HE10HWPR/03](#) [H4](#) [HE4HNWPR/03](#) [HE42BU/08](#) [HE16HWPR/12](#) [HE42ST/08](#) [HE4WPR/06](#) [HE1WPR/12/MS](#) [HE1HWPR/02](#) [HE4HNWPR/12](#) [HE10HWPR/12](#) [BS24EM1-12](#) [BS1016EM13-24](#) [BS24EM13-24](#) [BS60E](#) [BS1016EM1-12](#) [BS24E](#) [BS60EM13-24](#) [BS60EM1-12](#) [BS1016E](#) [HE6HWPR/12](#) [HE4WPR/07](#) [HE4WPR/11](#) [HE4WPR/09](#) [HE4WPR/10](#) [HE4WPR/08](#) [HE16HWPR/04](#) [HE10WPR/03](#) [HE1WPR/02](#) [HE1WPR/11](#) [HE1WPR/06](#) [HE1WPR/08](#) [HE1WPR/07](#) [HE1WPR/09](#) [HE42SST/11](#) [HE42SST/12](#) [HE42ST/02](#) [HE42ST/03](#) [HE42ST/04](#) [HE42ST/05](#) [HE42SST/10](#) [HE1HWPR/04](#) [HE1HWPR/06](#) [HE1HWPR/07](#) [HE6WPR/10](#) [HE6WPR/11](#) [HE1HWPR/05](#) [HE4HNWPR/05](#) [HE42SST/08](#) [HE42SST/09](#) [HE6WPR/04](#) [HE6WPR/05](#) [HE6WPR/06](#) [HE6WPR/07](#) [HE6WPR/08](#) [HE6WPR/09](#) [HE10HWPR/06](#) [HE10HWPR/07](#) [HE10HWPR/08](#) [HE6HWPR/11](#) [HE6WPR/02](#)