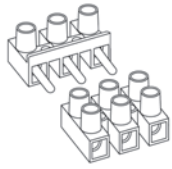## SCREW CLAMP CONNECTION TECHNOLOGY

- 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

cULus E211022   CE   (FI)   IEC 60998-2-1

SELECTION GUIDE

HE SERIES with wire protector

MATERIAL SPECIFICATIONS

Insert
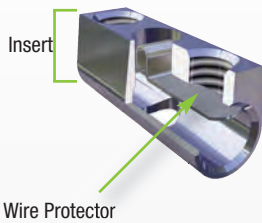
Wire Protector

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	HEH Series Standoff Feet 600V	HE42 Series Pluggable 300V, 600V
page 96-97	page 98-99	page 100-101

ATS SERIES with wire protector - Center Barrier

MATERIAL SPECIFICATIONS

Insert

Center Barrier

Wire Protector

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

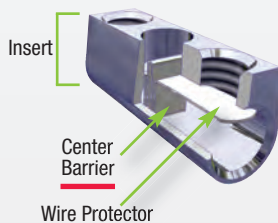| ATS Series Flat Base 300V	ATSF Series Standoff Feet 600V
page 102	page 103

ACCESSORIES

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

HE1   **HE4**

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

	HE1	HE4
Pitch Spacing	8 mm	10 mm
Weight per piece (12 pole)	16.2 g	31.6 g

Technical Data/Ratings

Approvals: CE ⓕ

	cULus E211022	IEC 60998-2-1	cULus E211022	IEC 60998-2-1
Wire Size (solid / stranded)	**24-12 AWG**	1-2.5 mm²	**24-10 AWG**	2.5-4 mm²
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

		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

HE1 DIMENSIONS
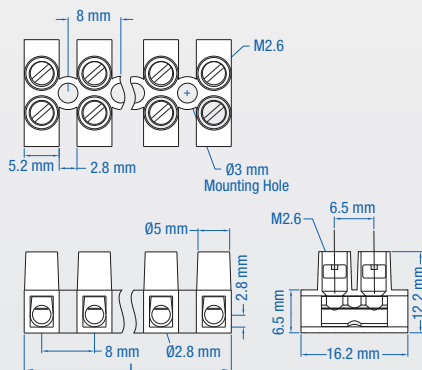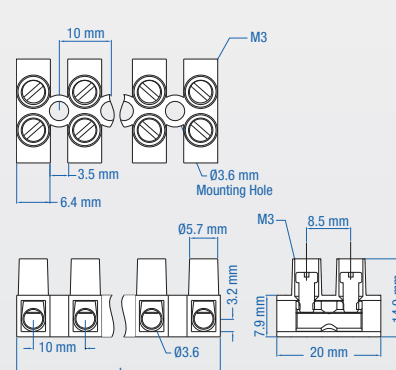
8 mm · M2.6 · 5.2 mm · 2.8 mm · Ø3 mm Mounting Hole · Ø5 mm · 2.8 mm · 8 mm · Ø2.8 mm · M2.6 · 6.5 mm · 6.5 mm · 12.2 mm · 16.2 mm

HE4 DIMENSIONS

10 mm · M3 · 3.5 mm · Ø3.6 mm Mounting Hole · 6.4 mm · Ø5.7 mm · M3 · 8.5 mm · 3.2 mm · 10 mm · Ø3.6 · 7.9 mm · 14.9 mm · 20 mm

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

	HE6	HE10	HE16

Dimensions & Weight

	HE6	HE10	HE16
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 CE FI

	HE6 cULus E211022	HE6 IEC 60998-2-1	HE10 cULus E211022	HE10 IEC 60998-2-1	HE16 cULus E211022	HE16 IEC 60998-2-1
Wire Size (solid / stranded)	20-10 AWG	4-6 mm²	18-8 AWG	6-10 mm²	18-6 AWG	10-16 mm²
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

	HE6	HE10	HE16
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
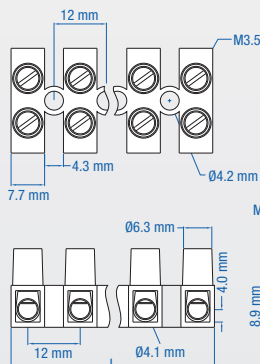
HE10 DIMENSIONS
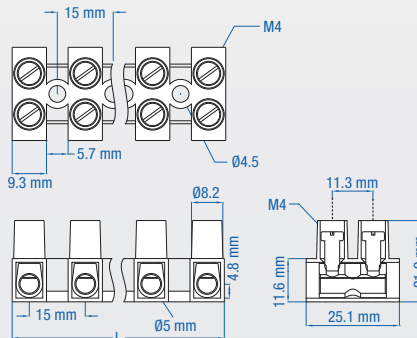
HE16 DIMENSIONS
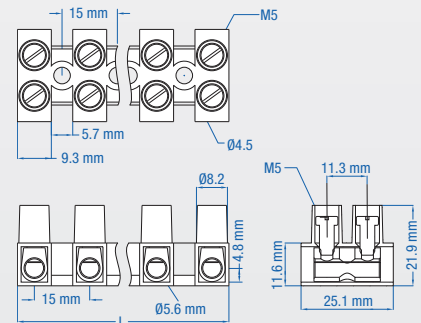
(All dimensions are shown in mm, to convert to inches please divide by 25.4)

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

HE1H   **HE4HN**

Dimensions & Weight

	HE1H	HE4HN
Pitch Spacing	8 mm	10 mm
Weight per piece (12 pole)	17.2 g	33.0 g

Technical Data/Ratings

Approvals	CE FI			
	cULus E211022	IEC 60998-2-1	cULus E211022	IEC 60998-2-1
Wire Size (solid / stranded)	24-12 AWG	1-2.5 mm²	24-10 AWG	2.5-4 mm²
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

	HE1H	HE4HN
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
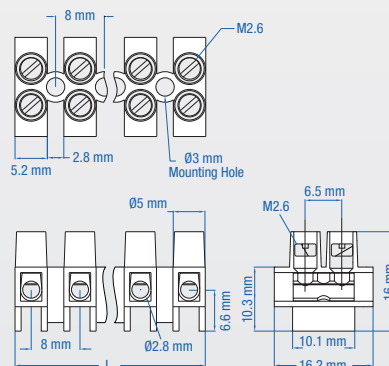
8 mm · M2.6 · 5.2 mm · 2.8 mm · Ø3 mm Mounting Hole
Ø5 mm · M2.6 · 6.5 mm · 8 mm · Ø2.8 mm · L · 6.6 mm · 10.3 mm · 10.1 mm · 16.2 mm · 16 mm

HE4HN DIMENSIONS

10 mm · M3 · 6.4 mm · 3.5 mm · Ø3.6 Mounting Hole
Ø5.7 mm · M3 · 8.5 mm · 10 mm · Ø3.6 · L · 6.7 mm · 12.1 mm · 14.0 mm · 20 mm · 19.1 mm
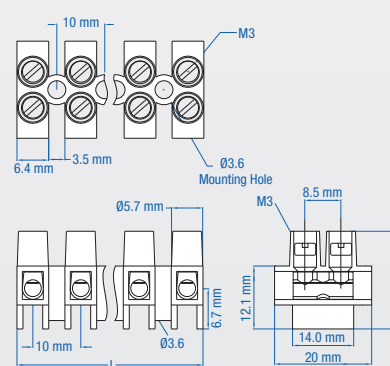
(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HE6H   **HE10H**   **HE16H**

Dimensions & Weight

	HE6H	HE10H	HE16H
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

CE (FI)

	HE6H		HE10H		HE16H	
Approvals	cULus E211022	IEC 60998-2-1	cULus E211022	IEC 60998-2-1	cULus E211022	IEC 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	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

	HE6H	HE10H	HE16H
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
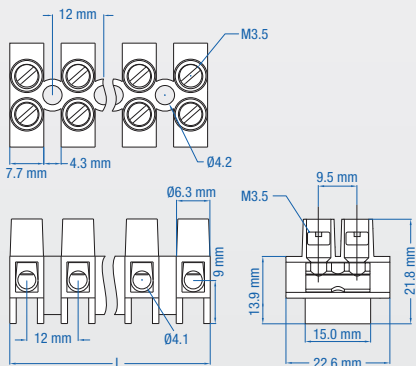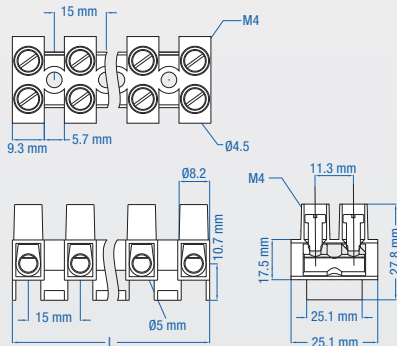
12 mm · M3.5 · 7.7 mm · 4.3 mm · Ø4.2 · Ø6.3 mm · M3.5 · 9.5 mm · 13.9 mm · 9 mm · 21.8 mm · 12 mm · Ø4.1 · L · 15.0 mm · 22.6 mm

HE10H DIMENSIONS

15 mm · M4 · 9.3 mm · 5.7 mm · Ø4.5 · Ø8.2 · M4 · 11.3 mm · 10.7 mm · 17.5 mm · 27.8 mm · 15 mm · L · Ø5 mm · 25.1 mm · 25.1 mm

HE16H DIMENSIONS

15 mm · M5 · 9.3 mm · 5.7 mm · Ø4.5 · Ø8.2 · M5 · 11.3 mm · 10.7 mm · 17.5 mm · 27.8 mm · 15 mm · L · Ø5.6 mm · 16 mm · 25.1 mm
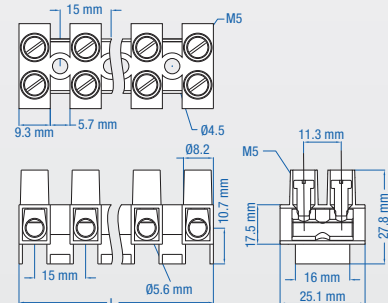
(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HE42ST   **HE42BU**

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

	HE42ST	HE42BU
Pitch Spacing	10 mm	10 mm
Weight per piece (12 pole)	30.6 g	30.4 g

Technical Data/Ratings

Approvals	CE Ⓕ	cULus E211022	IEC 60998-2-1	cULus E211022	IEC 60998-2-1
Wire Size (solid / stranded)		**24-10 AWG**	2.5-4 mm^2	**24-10 AWG**	2.5-4 mm^2
Voltage Rating		300 V	400 V	300 V	400 V
Current Rating		20 A	10 A	20 A	10 A
Torque		7.0 lb-in	0.4 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

	HE42ST	HE42BU
Wire Stripping Length	7 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	**HE42ST/02**	16.4 mm	100	**HE42BU/02**	16.4 mm	100
3 pole	**HE42ST/03**	26.4 mm	100	**HE42BU/03**	26.4 mm	100
4 pole	**HE42ST/04**	36.4 mm	100	**HE42BU/04**	36.4 mm	100
5 pole	**HE42ST/05**	46.4 mm	100	**HE42BU/05**	46.4 mm	100
6 pole	**HE42ST/06**	56.4 mm	50	**HE42BU/06**	56.4 mm	50
7 pole	**HE42ST/07**	66.4 mm	50	**HE42BU/07**	66.4 mm	50
8 pole	**HE42ST/08**	76.4 mm	50	**HE42BU/08**	76.4 mm	50
9 pole	**HE42ST/09**	86.4 mm	50	**HE42BU/09**	86.4 mm	50
10 pole	**HE42ST/10**	96.4 mm	50	**HE42BU/10**	96.4 mm	50
11 pole	**HE42ST/11**	106.4 mm	50	**HE42BU/11**	106.4 mm	50
12 pole	**HE42ST/12**	116.4 mm	50	**HE42BU/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

HE42ST DIMENSIONS
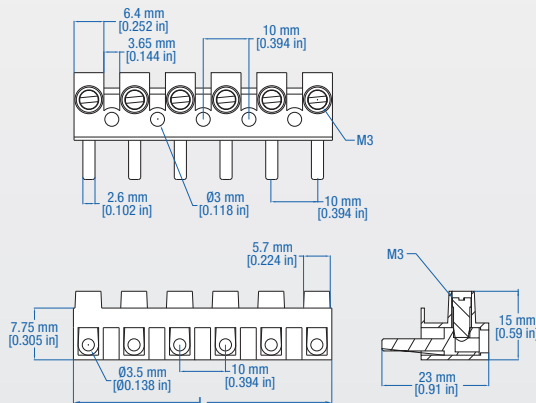
6.4 mm [0.252 in]
3.65 mm [0.144 in]
10 mm [0.394 in]
M3
2.6 mm [0.102 in]
Ø3 mm [0.118 in]
10 mm [0.394 in]
5.7 mm [0.224 in]
7.75 mm [0.305 in]
Ø3.5 mm [Ø0.138 in]
10 mm [0.394 in]
M3
15 mm [0.59 in]
23 mm [0.91 in]

HE42BU DIMENSIONS

10 mm [0.394 in]
M3
3.5 mm [0.140 in]
6.4 mm [0.252 in]
Ø3.6 [Ø0.142 in] Mounting Hole
Ø5.7 mm [0.224 in]
3.2 mm [0.126 in]
M3
7.9 mm [0.311 in]
14.9 mm [0.587 in]
10 mm [0.394 in]
Ø3.6 [Ø0.142 in]
20 mm [0.787 in]

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

EUROSTRIPS®
TERMINAL STRIPS
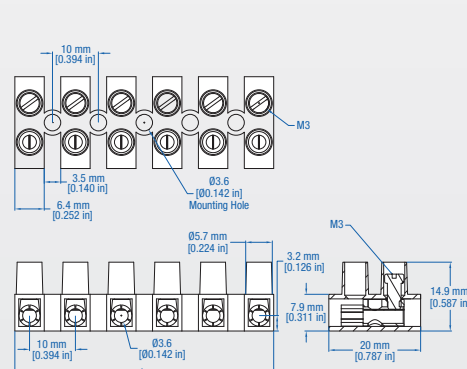
HE42SST   HE42SBU

Dimensions & Weight

	HE42SST	HE42SBU
Pitch Spacing	10 mm	10 mm
Weight per piece (12 pole)	30.6 g	30.4 g

Technical Data/Ratings

Approvals	CE FI	c**UL**us E211022	IEC 60998-2-1	c**UL**us E211022	IEC 60998-2-1
Wire Size (solid / stranded)		**24-10 AWG**	2.5-4 mm²	**24-10 AWG**	2.5-4 mm²
Voltage Rating		600 V	500 V	600 V	500 V
Current Rating		20 A	10 A	20 A	10 A
Torque		7.0 lb-in	0.4 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

	HE42SST	HE42SBU
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
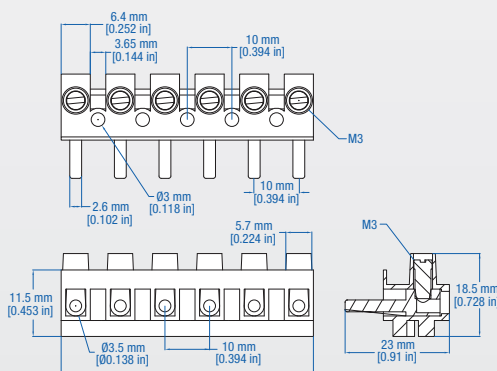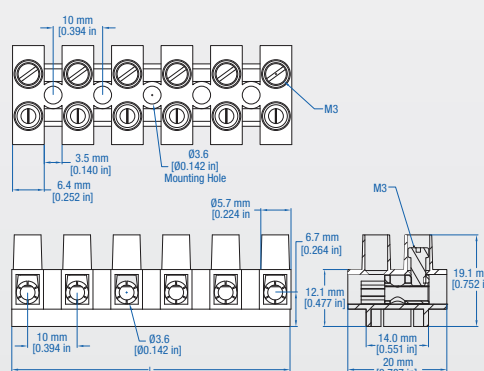
(All dimensions are shown in mm, to convert to inches please divide by 25.4)

TERMINAL STRIP 300V - CENTER BARRIER / WIRE PROTECTOR

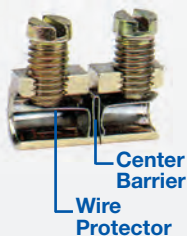**ATS1.5**   **ATS2.5**   **ATS6**

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

Center Barrier
Wire Protector

Dimensions & Weight

	ATS1.5	ATS2.5	ATS6
Pitch Spacing	8 mm	10 mm	12 mm
Weight per piece (12 pole)	22 g	34 g	44 g

Technical Data/Ratings

CE FI EAC

	cULus E496554	cSPus	IEC 60947-7-1	cULus E496554	cSPus	IEC 60947-7-1	cULus E496554	cSPus	IEC 60947-7-1
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
Voltage Rating	300 V	300 V	400 V	300 V	300 V	400 V	300 V	300 V	400 V
Current Rating	20 A	15 A	15 A	30 A	30 A	26 A	40 A	40 A	44 A
Torque	4.4 lb-in		0.5 Nm	5.3 lb-in		0.5 Nm	7 lb-in		0.5 Nm
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
Insert Material	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		

Installation Instructions

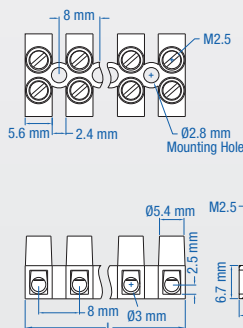|	ATS1.5	ATS2.5	ATS6
Wire Stripping Length	5 mm (0.2 in.)	6 mm (0.24 in.)	7 mm (0.28 in.)
Mounting Hole Diameter	2.8 mm	3.5 mm	4.4 mm
Terminal Screw Size	M2.5	M3	M3.5

Terminal Blocks

	Cat. No.	Type	L (mm)	Pk.	Cat. No.	Type	L (mm)	Pk.	Cat. No.	Type	L (mm)	Pk.
2 pole	**40.002**	ATS1.5/2	13.6 mm	100	**40.202**	ATS1.5/2	17.0 mm	100	**40.402**	ATS1.5/2	20.0 mm	100
3 pole	**40.003**	ATS1.5/3	21.5 mm	100	**40.203**	ATS1.5/3	27.0 mm	100	**40.403**	ATS1.5/3	32.0 mm	100
4 pole	**40.004**	ATS1.5/4	29.5 mm	100	**40.204**	ATS1.5/4	37.0 mm	100	**40.404**	ATS1.5/4	44.0 mm	100
5 pole	**40.005**	ATS1.5/5	37.4 mm	100	**40.205**	ATS1.5/5	47.0 mm	100	**40.405**	ATS1.5/5	56.0 mm	100
6 pole	**40.006**	ATS1.5/6	45.4 mm	50	**40.206**	ATS1.5/6	57.0 mm	50	**40.406**	ATS1.5/6	68.0 mm	50
7 pole	**40.007**	ATS1.5/7	53.3 mm	50	**40.207**	ATS1.5/7	67.0 mm	50	**40.407**	ATS1.5/7	80.0 mm	50
8 pole	**40.008**	ATS1.5/8	61.3 mm	50	**40.208**	ATS1.5/8	77.0 mm	50	**40.408**	ATS1.5/8	92.0 mm	50
9 pole	**40.009**	ATS1.5/9	69.2 mm	50	**40.209**	ATS1.5/9	87.0 mm	50	**40.409**	ATS1.5/9	104.0 mm	50
10 pole	**40.010**	ATS1.5/10	77.2 mm	50	**40.210**	ATS1.5/10	97.0 mm	50	**40.410**	ATS1.5/10	116.0 mm	50
11 pole	**40.011**	ATS1.5/11	85.1 mm	50	**40.211**	ATS1.5/11	107.0 mm	50	**40.411**	ATS1.5/11	128.0 mm	50
12 pole	**40.012**	ATS1.5/12	93.0 mm	50	**40.212**	ATS1.5/12	117.0 mm	50	**40.412**	ATS1.5/12	140.0 mm	50

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
External Jumpers	HCL8-2	100	HCL10-2	100	HCL12-2	100
	HCL8-3	100	HCL10-3	100	HCL12-3	100
	HCL8-4	100	HCL10-4	100	HCL12-4	100
	HCL8-12	25	HCL10-12	25	HCL12-12	25
Marking Plates	–	–	BS24E	25	BS60E	25
	–	–	BS24EM1-12	25	BS60EM1-12	25
	–	–	BS24EM13-24	25	BS60EM13-24	25

ATS1.5 DIMENSIONS
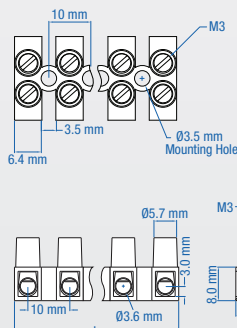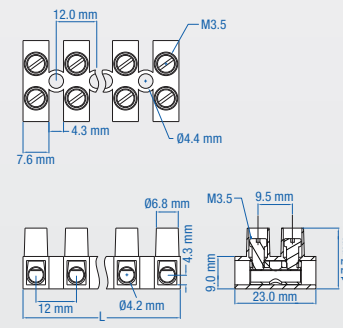
8 mm · M2.5 · 5.6 mm · 2.4 mm · Ø2.8 mm Mounting Hole

Ø5.4 mm · M2.5 · 7.5 mm · 2.5 mm · 6.7 mm · 8 mm · Ø3 mm · 18.2 mm · 13.7 mm

ATS2.5 DIMENSIONS

10 mm · M3 · 3.5 mm · 6.4 mm · Ø3.5 mm Mounting Hole

Ø5.7 mm · M3 · 9.5 mm · 3.0 mm · 8.0 mm · 10 mm · Ø3.6 mm · 21.8 mm · 15.5 mm

ATS6 DIMENSIONS

12.0 mm · M3.5 · 4.3 mm · 7.6 mm · Ø4.4 mm

Ø6.8 mm · M3.5 · 9.5 mm · 4.3 mm · 9.0 mm · 12 mm · Ø4.2 mm · 23.0 mm · 17.7 mm

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

EUROSTRIPS®

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

Dimensions & Weight
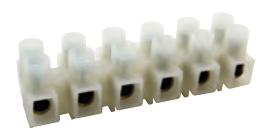
	ATSF1.5	ATSF2.5	ATSF6	ATSF16
Pitch Spacing	8 mm	10 mm	12 mm	15 mm
Weight per piece (12 pole)	30 g	36 g	50 g	98 g

Technical Data/Ratings

CE ⓕ EAC

Approvals	Ⓒᴿᵁ US E496554	Ⓢ�ᴾ C US	IEC 60947-7-1	Ⓒᴿᵁ US E496554	Ⓢ�ᴾ C US	IEC 60947-7-1	Ⓒᴿᵁ US E496554	Ⓢ⁀ᴾ C US	IEC 60947-7-1	Ⓒᴿᵁ US E496554	Ⓢ⁀ᴾ C US	IEC 60947-7-1
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

|	ATSF1.5	ATSF2.5	ATSF6	ATSF16
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	**40106**	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	**40107**	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	**40111**	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	**40112**	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
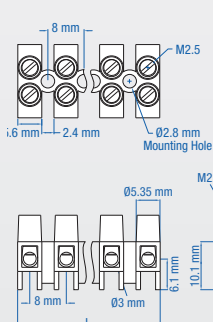
ATSF2.5 DIMENSIONS
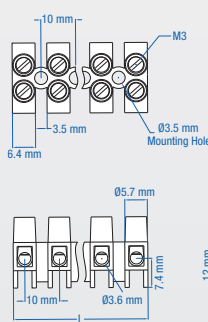
ATSF6 DIMENSIONS
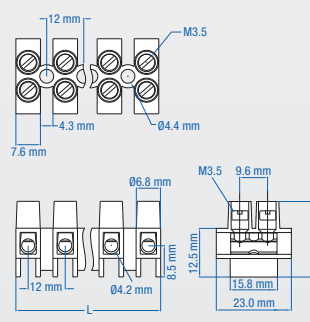
ATSF16 DIMENSIONS

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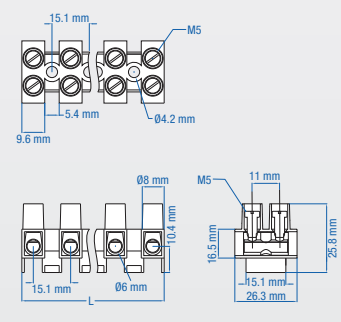
(All dimensions are shown in mm, to convert to inches please divide by 25.4)

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 adjectant 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
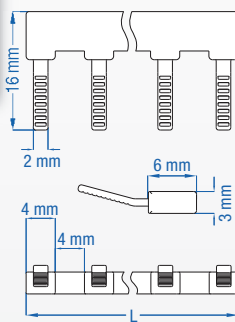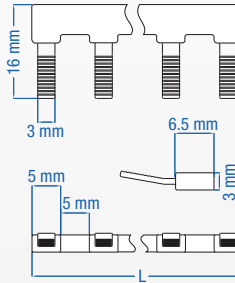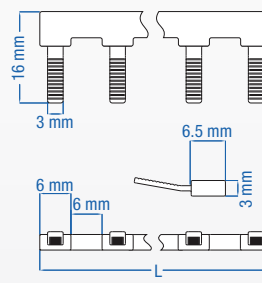
HCL8
HCL10
HCL12
HCL15
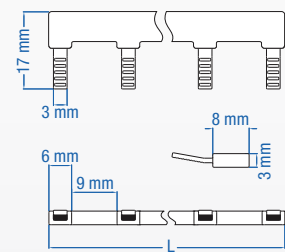
ISOLATION PARTITIONS
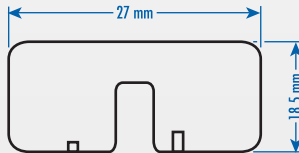
For Eurostrip HE4HN, HE6H, TSF2.5, TSF6

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

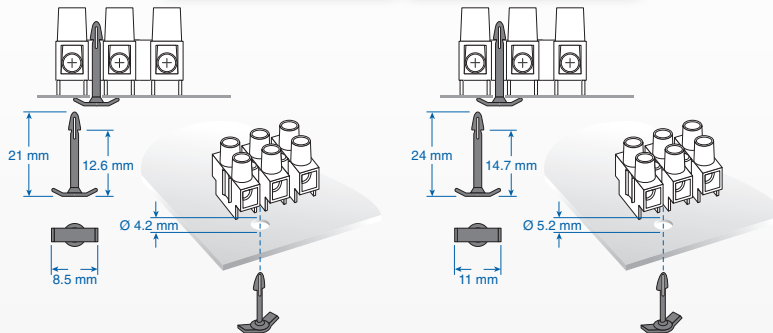(All dimensions are shown in mm, to convert to inches please divide by 25.4)

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

21 mm   12.6 mm
Ø 4.2 mm
8.5 mm

24 mm   14.7 mm
Ø 5.2 mm
11 mm

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](#)