ABB

Insulated crimp terminals
For reliable device connection

Spec-Kon®

Spec-Kon®
Wire crimp terminals

Thomas & Betts (today a Member of the ABB Group) developed the first tool-applied solderless terminals and connectors more than 60 years ago in response to industry awareness of the need for better performance of electrical systems.

Today, the Spec-Kon® range is part of the ABB Low Voltage offering, and is designed using our world-renowned excellence in electrical switchgear to achieve easy installation and reliable connection of any device including circuit breakers, terminal blocks, relays, contactors, push-buttons etc.

Easy to select

- Terminals for any wire-device connection
- Vinyl, nylon and uninsulated variants available
- Special heat-shrinkable variants also available

Easy to insert

- Easy-Entry® chamfered barrel design
- Viewing window ensures good positioning

Easy to crimp

- Ergonomic and reliable crimping tools
- Annealed barrel for optimum compression

Easy to trust

- AS/NZS 4437, 61210 and DIN 46237 standard compliant
- Highly conductive 99.9% Pure Copper
- Corrosion resistant tin plating
- Firm conductor grip due to deep internal serrations
- Double the tensile strength due to overlapped seams

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Spec-Kon
Insulated crimp terminals

| | | | 🔴 Terminals for 0.5 to 1.5mm² wires | |
Terminal type	Variant	Pack qty.	Single crimp insulated	Double crimp insulated
Ring terminals	M3	100	R1.5-3VSC-H	R1.5-3VDC-H
	M4	100	R1.5-4VSC-H	R1.5-4VDC-H
	M5	100	R1.5-5VSC-H	R1.5-5VDC-H
	M6	50	R1.5-6VSC-H	R1.5-6VDC-H
	M8	50	R1.5-8VSC-H	R1.5-8VDC-H
	M10	25	R1.5-10VSC-H	R1.5-10VDC-H
	M12	25		R1.5-12VDC-H
Fork spade terminals	M3	100	F1.5-3VSC-H	F1.5-3VDC-H
	M4	100	F1.5-4VSC-H	F1.5-4VDC-H
	M5	50	F1.5-5VSC-H	F1.5-5VDC-H
	M6	50	F1.5-6VSC-H	F1.5-6VDC-H
Pin terminals		100	P1.5-23VSC-H	P1.5VDC-H
Lip-blade terminals	3mm wide	50	LB1.5-3VSC-H	
	4.6mm wide	50	LB1.5-5VSC-H	
Flat-blade terminals	3 x 11mm	100	B1.5-3VSC-H	B1.5VDC-H
Bullet connectors	4mm male	100		MBD1.5-4NDC-H
	4mm female	25		FIRD1.5-39NDC-H
In-line splice		50	BS1.5VSC-H	
Quick connectors	Female	100		FD1.5-638NDC-H
	Female full insulated	50		FIFD1.5-638NDC-H
	Piggy back	100		PBD1.5-648NDC-H
	Male tab	100		MD1.5-638NDC-H
	Male tab full insulated	50		FIMD1.5-638NDC-H

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Insulated crimp terminals

	Terminals for 1.5 to 2.5mm² wires				Terminals for 4.0 to 6.0mm² wires		
Pack qty.	Single crimp insulated	Double crimp insulated		Pack qty.	Single crimp insulated	Double crimp insulated	
100	R2.5-3VSC-H	R2.5-3VDC-H		100			
100	R2.5-4VSC-H	R2.5-4VDC-H		100	R6-4VSC-H	R6-4VDC-H	
100	R2.5-5VSC-H	R2.5-5VDC-H		100	R6-5VSC-H	R6-5VDC-H	
50	R2.5-6VSC-H	R2.5-6VDC-H		50	R6-6VSC-H	R6-6VDC-H	
50	R2.5-8VSC-H	R2.5-8VDC-H		50	R6-8VSC-H	R6-8VDC-H	
25	R2.5-10VSC-H	R2.5-10VDC-H		25	R6-10VSC-H	R6-10VDC-H	
25	R2.5-12VSC-H	R2.5-12VDC-H		25	R6-12VSC-H	R6-12VDC-H	
100	F2.5-3VSC-H	F2.5-3VDC-H		100			
100	F2.5-4VSC-H	F2.5-4VDC-H		100	F6-4VSC-H	F6-4VDC-H	
50	F2.5-5VSC-H	F2.5-5VDC-H		50	F6-5VSC-H	F6-5VDC-H	
50	F2.5-6VSC-H	F2.5-6VDC-H		50	F6-6VSC-H	F6-6VDC-H	
100	P2.5-23VSC-H	P2.5VDC-H		100	P6-27VSC-H	P6VDC-H	
50	LB2.5-3VSC-H			50			
50	LB2.5-5VSC-H			50	LB6-5VSC-H		
100	B2.5-24VSC-H	B2.5VDC-H		100	B6-4VSC-H	B6-VDC-H	
50		MBD2.5-4NDC-H					
25		FIRD2.5-39NDC-H					
50	BS2.5VSC-H			50	BS6VSC-H		
50		FD2.5-638NDC-H		50		FD6-638NDC-H	
50		FIFD2.5-638NDC-H		25		FIFD6-638NDC-H	
50		PBD2.5-648NDC-H					
100		MD2.5-638NDC-H		50		MD6-638NDC-H	
50		FIMD2.5-638NDC-H		25		FIMD6-638NDC-H	

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Insulated bootlace ferrules

Terminal type	Wire size (mm²)	Length (mm)	Insulation colour	Part number nylon insulated
	0.25	6	Violet	FER02506F-H
	0.34	6	Pink	FER03406F-H
	0.5	8	White	FER05008F-H
	0.75	8	Blue	FER07508F-H
	1.0	8	Red	FER1008F-H
	1.5	8	Black	FER1508F-H
	1.5	18	Black	FER1518F-H
	2.5	8	Grey	FER2508F-H
	2.5	18	Grey	FER2518F-H
Single wire ferrules	4	10	Orange	FER4010F-H
	4	18	Orange	FER4018F-H
	6	10	Green	FER6010F-H
	6	18	Green	FER6018F-H
	10	12	Brown	FER10012F-H
	10	18	Brown	FER10018F-H
	16	12	Ivory	FER16012F-H
	16	18	Ivory	FER16018F-H
	25	16	Black	FER25016F-H
	35	16	Red	FER35016F-H
	50	16	Blue	FER50016F-H
	0.75	8	Grey	2FER7508D-H
	1.0	8	Red	2FER1008D-H
Twin wire ferrules	1.5	8	Black	2FER1508D-H
	2.5	10	Blue	2FER2510D-H
	4	12	Grey	2FER4012D-H
	6	14	Yellow	2FER6014D-H

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Terminal crimping tools

	For terminals	For wire sizes (mm²)	Part number
	Uninsulated terminals	0.5-6	ERG9001
	Insulated terminals and splices	0.5-6	ERG9002
	Insulated disconnects	0.5-6	ERG9003
	Insulated double crimp terminals	0.5-6	ERG9004
		0.14-10	FER9500
		6 to 16	MCT2000M
	Ferrules	25 to 35	MCT2000N
		50	MCT2000P

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