



MANUFACTURERS

- ◆ SIDE FEED APPLICATORS
- ◆ END FEED APPLICATORS
- ◆ FLAG TERMINAL APPLICATORS
- ◆ JOINT TERMINAL APPLICATORS
- ◆ FUSE TERMINAL APPLICATORS
- ◆ TOTAL SPARES PART & TOOLING OF APPLICATORS

Side Feed Applicators



Crimping Height : 135.8 mm
Stroke : 40 / 30 mm
Terminal Pitch : < 35 to 40 mm
Wire Size : Max 6 mm²
(9 AWG)
Weight : 3.15 Kg
Dimensions : W144 x H14, 5 x D190

End Feed Applicators

Crimping Height : 135.8 mm
Stroke : 40 / 30 mm
Terminal Pitch : < 35 to 40 mm
Wire Size : Max 6 mm²
(9 AWG)
Weight : 3.15 Kg
Dimensions : W144 x H14, 5 x D190



Flag Terminator

Crimping Height : 135.8 mm
Stroke : 40 / 30 mm
Terminal Pitch : < 35 to 40 mm
Wire Size : Max 6 mm²
(9 AWG)
Weight : 3.700 Kg
Dimensions : W144 x H14, 5 x D220



Joint Terminal Applicators

Crimping Height : 135.8 mm
Stroke : 40 / 30 mm
Terminal Pitch : < 35 to 40 mm
Wire Size : Max 6 mm²
(9 AWG)
Weight : 3.15 Kg
Dimensions : W144 x H14, 5 x D190



Dial



Set the top adjusting dial according to the values specify by customer in cross-section-report.

The top dial has a range of 2.2 MM with resolution of MM 0.01, every stop etched on its edge – moves the crimpers 0.01 MM Up or Down.

Since we are aiming at 0.65 We have to set the adjusting ring of the closet number to 0.65 which is 08 equivalents to an index value 6.

As we want 0.65 we have to turn the top adjusting dial five more steps ($0.01 + 0.01 + 0.01 + 0.01 + 0.01 = 0.05$) to get our result ($0.60 + 0.05 = 0.65$).

Notes (Both dials adjustment is clockwise direction.)

How to adjust insulation crimping height ?

To set the correct insulation crimping height follow the same procedure described above for the wire crimping height.

If no data are available regarding the insulation crimping height set the bottom dial to ' 0 ' turn it clockwise until the resulting crimping is deemed correct.

Tooling & Spare Parts



Applicators with Validate Reports

Samruddhi

Industries Applicators & Crimping Tools

CWM = 1.64
Inner Area = 0.40 Sq mm
Strands Count = 16
Outer Area = 1.53 Sq mm
CRH = 1.15
BTHK = 0.23
BRH = 0.06
BW = 0.17
CW = 1.65

Order Number: 70150294-10

Company Name: Samruddhi Industries

Inspector: AMAN

Terminal ID: 70150294-10

Terminal Description: End feed

Remark:

Metal Thickness: 0.21 mm

Strand Diameter: 0.190 mm

Total Strands: 16

Reference wire area: 0.5 Sq mm

Wire crimp height: 1.20 mm

Wire crimp width: 1.30 mm

Target Pull Force: 7.10 Kg

Overall Result: PASS

BY SAMRUDDHI INDUSTRIES APPLICATOR MANUFACTURER Test Date & Time: 22/4/2022 16:39:9 1/2

<h2 style="margin: 0;">Samruddhi</h2> <p style="margin: 0;">Industries Applicators & Crimping Tools</p>			
NAME	VALUE	RESULT	CRITERIA
Strands Count:	16	GOOD	16
Crimp Height:	1.15 mm	GOOD	(0.85/1.85)
Crimp Width:	1.65 mm	GOOD	(1.6/2.6)
Crimp Width Measurable:	1.64 mm	GOOD	(1.60/1.70)
Burr Height:	0.06 mm	GOOD	(Max: 1.0)
Burr Width:	0.17 mm	GOOD	(Max: 1.0)
Sheet Thickness:	0.23 mm	GOOD	(Min: 0.2)
Pull Force: -	7.10 Kg	GOOD	
Crimp Cracked:	OK		
Initial Wire Area:	0.5 Sq mm		
Final Wire Area:	0.4 Sq mm		
Compression Ratio:	88.0 %	GOOD	(60 % / 100 %)
Prepared By:		Signature:	

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It is said that Applicators are the heart of the Crimping process, this is why quality maintenance is of critical importance. successful Crimping results from the correct relationship between wire, terminal, & crimping tool. once the terminal selection is made & Crimping criteria defined by the connection designer, the tooling characteristics are fully determined.

Our Clients



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