autosplice®

Interconnecting the Future

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SAS/2

TECHNICAL DATASHEET

INDUSTRY STANDARD

OVERVIEW

The SAS/2 splicing system consists of a semi-automatic machine and a reel of continuous Spliceband material. The machine feeds, cuts, and forms the Spliceband to create highly reliable connections without expensive pre-formed crimps. SAS/2 has unprecedented machine life; over 25 years of reliable service reported by many customers.

AVAILABLE OPTIONS

- Crimp Force Monitor
- Guillotine Cut-off Assembly
- Horn Base Clincher
- See our website for video's

SPECIFICATIONS

- CE certified optional;
- Eliminates soldering;
- Scrap free operation;
- Can be integrated into automated system;
- Ease of operation;
- Excellent process reliability;
- Unprecedented machine life;
- Comprehensive Toolset library;
- Push action Spliceband feeding mechanism;
- Functions with Spliceband material types and widths from 2mm to 6mm (Standard widths include 2 mm, 4 mm, and 6 mm);
- 110V or 230V available.

APPLICATOR TOOLING REFERENCE GUIDE

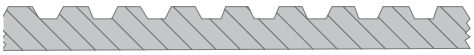
TOTAL COMBINED CMA RANGE	WIRE COMBINATION		RECOMMENDED SPLICEBAND WIDTH			A/S REFERENCE TOOLSET	TYPICAL PULL FORCE LBS (N)
	MIN	MAX	.078″ (2mm)	.156″ (4mm)	.234″ (6mm)		
25 - 300	(2)-32AWG	(2)-28AWG	+			“04”	2 - 6 (9 - 27)
300 - 500	(2)-28AWG	(2)-26AWG	+			“03”	5 -1 0 (22 - 45)
400 - 700	(2)-27AWG	(2)-25AWG	+	+		“92”	8 - 14 (36 - 62)
500 - 800	(2)-26AWG	(2)-24AWG	+	+		“02”	10 - 18 (45 - 80)
800 - 1280	(2)-24AWG	(2)-22AWG	+	+		“91”	14 - 22 (62 - 98)
1000 - 2040	(2)-23AWG	(2)-20AWG	+	+	+	“01”	16 - 28 (71 - 125)
2040 - 2340	(2)-20AWG	(2)-18AWG		+	+	“10”	20 - 32 (89 - 143)
2500 - 5160	(2)-19AWG	(2)-16AWG		+	+	“20”	24 - 36 (107 - 161)
4100 - 6520	(2)-17AWG	(2)-15AWG		+	+	“30”	27 - 40 (120 - 178)
5160 - 8220	(2)-16AWG	(2)-14AWG		+	+	“40”	30 - 45 (134 - 201)
8220 - 12,060	(2)-14AWG	(2)-12AWG			+	“50”	25 - 35 (112 - 156)
13,060 - 20,760	(2)-12AWG	(2)-10AWG			+	“60”	18 -27 (80 - 120)

SPLICEBAND MATERIAL OPTIONS

MATERIAL	APPLICATION
Brass	General Purpose up to +120°C
Tin plated Brass	General Purpose up to +120°C resists corrosion, pre-soldered components
Copper Nickel	High Reliability up to +260°C, resists corrosion, weldable
Nickel Plated Steel	High Reliability, up to +260C resists corrosion, weldable
Stainless Steel	Specialty Purpose, over +260°C, resists corrosion
Inconel	High Temperature +600°C
Customer Specified	On request

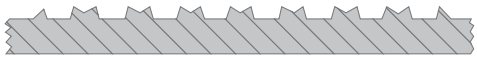
Standard serrations

- For normal applications



“M” serrations

- For insulations piercing on magnet
- Wire applications
- Eliminates pre-stripping of the insulation



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