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Jameco Part Number 303280



SELECTION CHARTS FOR AMP*
ULTRA-FAST, ULTRA-FAST PLUS, AND
PIDG* INSULATED FASTON* TERMINALS
AND APPLICABLE CRIMP TOOLING

IS 7867

RELEASED 5-16-90

CUSTOMER HOTLINE 1 800 722-1111

1. INTRODUCTION

The selection charts provide information regarding AMP Ultra-Fast and Ultra-Fast Plus fully insulated FASTON terminals, and AMP PIDG (Pre-Insulated Diamond Grip) terminals. The charts also identify the applicable crimp tooling, application machines, and hand tools for the terminals.

2. DESCRIPTION

The charts are organized such that they may be used for information, selection, and identification of terminals. Ultra-Fast Plus, and PIDG terminals are grouped according to the following:

Series/Size — This indicates the tab width that the receptacle mating portion will accept, or the width of the tab on a tab terminal.

Wire Range — This describes the acceptable AWG wire range (or CMA on PIDG terminals) within a series size that may be used with those terminals indicated.

NOTE

Ultra-Fast and Ultra-Fast Plus terminals are available in strip or loose-piece form. PIDG terminals are available in strip, loose-piece, and tape-mounted form.

The crimp tooling portion of the charts provides the part numbers of applicable tooling, machines, and hand tool/die sets for the terminals. Any inquiries regarding current tooling information for AMP Ultra-Fast, Ultra-Fast Plus, or PIDG terminals should be made to the AMP Customer Assistance Hotline number listed at the top of this page.

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Ultra-F	ast Full		Terminals			Ultra-Fast Crimp	Crimp Tooling	w		
neceptacie,	- A	o, and hay remining	G		Strip F	Strip Form Terminals			Loose Piece Terminals	Termin
	Wire	70	Part	Quick Chi	Quick Change Applicator for	r for	Die Inser	e Insert Set for	7:5	
Description (Series)	Range	N.	Number	AMP-O-LECTRIC*	AMPOMATOR* Machines	R* Machines		O-PRO Machine 0-1 w/Applicators	for Hand Tool	d Tool
	3	Strip	Loose Piece	565435-5	I< ≫	& CLS II	818058-2	818058-3	580783	69710-1
	26-22	7-520365-2•	7-520366-2•	567082-2	l I	567082-11	58269-1		58052-3	
	22-18	2-520060-2•	2-520061-2•	567041-2	567039-7	567041-1	58269-2		90390-3	.
.		2-520063-2	2-520064-2							
Receptacies		2-520272-2	2-520273-2							
		2-520306-2					<u></u>	•		
	4	2-520310-2	1	-	•	4	-	•	*	4
	16-14	3-520370-2•		567117-2		567117-1	58269-3		90391-3	
	22-18	2-520181-2	2-520182-2	466779-4	567039-1	466779-3	58269-2		90390-3	.
	_	2-520193-2	2-520194-2							
3		2-520261-2							!	
, 18/	*	2-520274-2	2-520275-2	-	4	4	•	•	•	
	16-14	3-350815-2	3-350816-2	466778-4	567039-2	466778-3	58269-3	-	90391-3	- ¦
		3-520124-2	3-520125-2			4—	•	4	4	
	-	3-520150-2	3-520151-2	1		166770 2	50050 3	1	00300-3	•
	22-18	2-520183-2	2-520184-2	466779-4	56/039-3	466//9-3	7-69780	-	-0-0-0	_
		2-520183-4	2-520184-4		•					
		2-520263-2	2-520264-2		1	-	•	•	•	•
-	-	2-520263-4	1		V	A	*****	V	7	
.250	16-14	3-350819-2	3-350820-2	466778-4	567039-4	466778-3	58269-3	-¦	S-1 GOOR	_
Receptacles		3-520116-2	3-520117-2		******					
		3-520140-2	3-520141-2						,	
	-	3-520140-4	1	-	4	-	*	•	•	
	12-10	4-520447-2	4-520448-2	567142-2		567142-12	58269-4² 58269-5³	ļ	<u> </u>	58267-1° 58267-2°
	22-18	2-520102-2	2-520103-2	466779-4	567039-5	466779-3	58269-2		90390-3	
.250 Tab	16-14	3-520106-2	3-520107-2	466778-4	567039-6	456778-3	58269-3		90391-3	!
	3	2-520334-2	2-520335-2	C_580533	667101-1	567083-1	 	58308-1	90390-3	 !
.187 Flag	22-10	2-520336-2	2-520337-2	7-500 co	000	00.000				
Receptacles		3-520338-2	3-520339-2	567085_9	567122-1	567085-1	1	58308-2	90391-3	!
	10-14	3-520340-2			3	300				
	33	2-520128-2	2-520129-2	466784-2	682317-1	466784-1		58308-1	90390-3	!
.250 Flag	22-10	2-520856-2		567278-2		!				
Meceptacies	16-14	3-520132-2	3-520133-2	466785-2	682317-2	466785-1		58308-2	90391-3	[

.170

509-1,900

640921-12

640921-22

16-14

2,050-5,180

2,050-5,180

640931-12

640931-22

640929-12 640927-12 640925-12 640923-12

640929-22

640927-22

640925-22 640923-22

640924-12 640922-12 . 187

16-14

2,050-5,180

640919-1 640917-1 641321-10 640915-1 640913-1 640911-1 640909-1

509-1,900

640917-2

640919-2

640918-1 640916-1 238-475

509-1,900

61060-21 61048-21

61059-21

509-1,900

509-1,900

60894-110 61060-11-61048-110

60894-21

350871-120

.205

16-14

2,050-5,180

22-18

509-1,900 180-13,100

640911-2

640909-2 640907-2

640915-2

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640907-1

640906-1

42844-2• 42844-1•

ULTRA-FAST PLUS TERMINAL INFORMATION

∪itra-F F/	ast Plus	Ultra-Fast Plus Fully Insulated FASTON Receptacle	ited			Ultra-Fast Plus Cri	lus Crimp Tooling	
					Strip	Strip Form Terminals	nals	Loose Piece
	₩ire	ס ק	Part		Quick (Quick Change Applicators f	ators for	Terminals
Description	Range	Z	Number	AMP-O-I FCTRIC	AMPOMATOR Machines	R Machines	Die Insert Set for	Die Insert Set
(Series)	AWG			Machine	Model	Model IV B	AUTO-PRO Machine 818380-1	for Hand Tool
		Strip	Loose Piece	565435-5	IV A	& CLS II	with Applicator 818058-2	0-07006
.110 Series	22-18	2-520932-2		567276-2]	582681	58079-3
	22	2-520401-2 2-520409-2	2-520409-2	EE7111 2	667301_1	£67111_1	5226R-1	58079_3
107 0 1111	21-72	2-520403-2	2-520411-2	307111-2	00/201-1	307111-1	CORCO	
. 10/ 56/163		3-520402-2 3-520410-2	3-520410-2	E67119 9	667303 1	567119_1	F3262-2	58080-3
	10-14	3-520404-2	3-520412-2	397112-2	1-207706	007 1 16-1	4-00400	00000
250 00-10-1	22-18	2-520405-2 2-520407-2	2-520407-2	567111-2	567201-1	567111-1	58268-1	58079-3
Sallac Ac7.	16-14	16-14 3-520406-2 3-520408-2	3-520408-2	567112-2	567202-1	567112-1	58268-2	58080-3

PIDG TERMINAL INFORMATION

Description (Series)

∀ire

Size Range

Part Numbers

PIDG FASTON Receptacles

AWG

CMA

Loose Piece

Mounted Tape

Strip Form

250

16-14 14-12

2,050-5,180 3,831-6,654

640905-1

640905-2 640903-2

640904-1 640902-1

42844-3•

60544-3•

22-18

509-1,900

640903-1

		<u> </u>		
12-10	16-14	22-18	Wire Range AWG	
59824-11	59824-11	59824-11	Hand Tool	
59828-11	59827-11	59826-11	Tools for Tape Mounted Terminations (Tape Dies for 69875 AMP-TAPETRONIC* 818057-2 AUTO-PRO Appl. ² 567200-2 Applicator ³ 687658-1 Applicator ⁴)	PIDG Crimp Tooling
466790-4	466789-4	466788-4	Applicator for Strip Form Terminations (AMP-O-LECTRIC Machine)	

1 TETRA-CRIMP* configuration
2 For AUTO-PRO machine 818380-1
3 For AMP-O-LECTRIC machine 565435-5
4 For AMPOMATOR machine

- ¹ Standard Receptacle
 ² Low Insertion Force Receptacle
- For current tooling information, call Customer Assistance Hotline: 1 800 722-1111