Product Facts

- For single and multiple wire applications
- Nylon or vinyl or PVF² insulated
- Temperature ratings of 90°C, 105°C, 150°C
- 300V, 600V or 1000V rated
- Crescent crimp configuration
- Covers wire ranges from 24 to 6 AWG [0.2 to 16 mm²] 509 to 42,700 CMA
- Copper or steel splice material
- Plated or unplated
- Solid or stranded copper wire
- and approved

AMP Pre-insulated Closed End Splices have been designed specifically to answer the need for inexpensive, insulated electrical terminations. They can be used in almost every type of commercial application where multiple wires need to be brought together for a reliable termination. (e.g. large and small appliances and the lighting industry).

The Closed End Splice products described in this catalog accommodate wire sizes from 24 through 6 AWG [0.2 to 16 mm²] 509 to 42,700 CMA. The appeal of Closed End Splice products lies in their broad range of wire sizes, built in pre-insulation, ease and speed of application, uniform reliability, and low installed cost.

As is true of all AMP terminal and splice lines, carefully engineered application tooling has been developed for the Closed End Splice line to provide uniformly high quality terminations. Tool and terminal have been designed as a team to promote ease and speed of application and at the same time to provide precise crimping pressure for every wire size combination. This connection provides maximum conductivity, tensile strength, and high resistance to corrosion.

The quality of performance, the facility of installation and the inherent simplicity of Closed End Splices make them ideal for many industrial applications.

Need more information?

Call Technical Support at the numbers listed below.

Technical Support is staffed with specialists well versed in Tyco Electronics products. They can provide you with:

- Technical Support
- Catalogs
- Technical Documents
- Product Samples
- Tyco Electronics Authorized Distributor Locations

© Copyright 1994 by Tyco Electronics
All Rights Reserved.

AMP, BOMB-TAIL, CERTI-CRIMP, AMP-TAPETRONIC are Trademarks.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Vinyl BOMB-TAIL Splices—VS, ECV

Wire Size Range
AWG 22 to 6
[0.3 to 16 mm²],
CMA 509 to 42,700

Wire Size [mm²] Circular Mils	Wire Combination Charts	Insulation Color	L Dim. Max.	Opening Dia. Min.	Material	Plating	Splice Marking* (Voltage & Temp. Rating Code)	Part Numbers	
								Loose Piece	Tape Mounted
22-16 [0.3-1.4] 3,248-4,872	408-1396	Blue	**.750** 19.05	**.173** 4.39	Copper	Tin	VS	34306	—
		Blue	**.750** 19.05	**.250** 6.35	Copper	Tin	VS	34349	—
		Blue	**.800** 20.32	**.215** 5.46	Copper	Tin	VS	34864	—
22-16 [0.3-1.4] 3,248-4,872	408-2228	Trans.	**1.093** 27.76	**.255** 6.48	Steel	Tin	ECV	50920	—
		Trans.	**1.093** 27.76	**.255** 6.48	Steel	Tin	ECV	50920-1[1]	—
	408-1395	Trans.	**1.000** 25.40	**.265** 6.73	Steel	Tin	ECV	328890	2-328890-1
		Trans.	**.825** 20.96	**.265** 6.73	Steel	Tin	ECV	330021	1-330021-0
22-14 [0.3-2.0] 509-5,180	408-1394	Red	**.729** 18.52	**.156** 3.96	Copper	Tin	VS	34304	—
		Purple	**.740** 18.80	**.187** 4.75	Copper	Tin	VS	36964	2-36964-2
		Purple	**.740** 18.80	**.187** 4.75	Copper	Tin	VS	2-36964-5[1]	—
		Purple	**.775** 19.69	**.235** 5.97	Copper	None	VS	2-328375-3	—
	408-9850	Purple	**.900** 22.96	**.235** 5.97	Copper	None	ECV	55843-1	—
22-12 [0.3-3.0] 3,248-11,400	408-1479	Trans.	**1.500** 34.10	**.360** 9.14	Copper	None	ECV	53234-1[†]	—
		Trans.	**1.125** 28.58	**.360** 9.14	Copper	None	ECV	329251[†]	2-329251-1[†]
		Trans.	**1.125** 28.58	**.360** 9.14	Copper	None	ECV	2-329251-2[1]	—
22-10 [0.3-6.0] 3,248-13,100	408-1029	Purple	**1.010** 25.65	**.312** 7.92	Copper	Tin	VS	36965	1-36965-1
		Purple	**1.010** 25.65	**.312** 7.92	Copper	Tin	VS	1-36965-3[1]	—
	408-1002	Purple	**1.125** 28.88	**.360** 9.14	Copper	Tin	ECV	321519	2-321519-2
22-10 [0.3-6.0] 5,180-13,100	408-1397	Yellow	**.975** 24.76	**.235** 5.97	Copper	Tin	VS	34308	—
		Yellow	**1.010** 25.65	**.300** 7.62	Copper	Tin	VS	34865	—
18-8 [0.8-8.0] 10,320-20,820	408-1008	Black	**1.263** 31.08	**.500** 12.70	Copper	Tin	ECV	55808-1	—
		Green	**1.575** 40.01	**.500** 12.70	Copper	Tin	ECV	320788	—
18-6 [0.8-16] 19,500-42,700	408-2605	Blue	**1.600** 40.64	**.500** 12.70	Copper	None	ECV	53891-1	—

[1]Bulk package

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Nylon Molded Splices — ECN, EC

Wire Size Range
AWG 22 to 10
[0.3 to 6.0 mm²],
CMA 509 to 13,100

Wire Size [mm²] Circular Mils	Wire Combination Charts	Insulation Color	L Dim. Max.	Opening Dia. Min.	Material	Plating	Splice Marking* (Voltage & Temp. Rating Code)	Part Numbers	
								Loose Piece	Tape Mounted
22-14 [0.3-2.0] 509-5,180	408-1271	Trans.	**.680** 17.27	**.250** 6.35	Copper	Tin	ECN	35115	1-35115-0
		Trans.	**.680** 1727	**.250** 6.35	Copper	Tin	ECN	1-35115-2[1]	—
	408-8806	Black	**.680** 17.27	**.250** 6.35	Copper	Tin	ECN[††]	55927-1	1-55927-0
22-10 [0.3-6.0] 3,248-13,100	408-1021	Trans.	**.775** 19.69	**.375** 9.53	Copper	Tin	ECN	35653	2-35653-1
		Trans.	**.775** 19.69	**.375** 9.53	Copper	Tin	ECN	2-35653-2[1]	—
	408-8807	Black	**.970** 24.64	**.370** 9.40	Copper	Tin	EC[††]	55929-1	—
	408-1003	Trans.	**.970** 24.64	**.370** 9.40	Copper	Tin	EC	53915-1	53915-2
		Trans.	**.720** 18.29	**.375** 9.53	Copper	Tin	EC	328730	2-328730-1
		Trans.	**.720** 18.29	**.375** 9.53	Copper	Tin	EC	328730-1[1]	—

[1]Bulk package

PVF² Molded Splices (Kynar)

Wire Size [mm²] Circular Mils	Wire Combination Charts	Insulation Color	L Dim. Max.	Opening Dia. Min.	Material	Plating	Splice Marking* (Voltage & Temp. Rating Code)	Part Numbers	
								Loose Piece	Tape Mounted
22-12 [0.3-3.0] 3,248-11,400	408-2907	Red	**.955** 24.25	**.375** 9.53	Copper	Tin	[††]	54316-1[1]	—

[1]Bulk package

***Splice Marking**
VS— 300V, 90°C
ECV— 600V max. Building Wiring —1,000V max. Fixtures and Signs, 105°C UL, 90°C CSA
ECN— 300V 105°C
EC— 600V max. Building Wiring —1,000V max. Fixtures and Signs 105°C

Type of Crimp
C— C Crimp
CC— Confined Crescent
CO— Crescent Oval

† Stranded Wire Only
†† 150°C

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425
South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

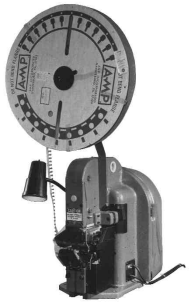
Vinyl and Nylon Tooling

Manually Operated Tools

Our top-of-the-line crimping tools feature the original CERTI-CRIMP ratcheted crimp control. All tools are designed to exacting specifications and manufactured using the highest quality materials to provide long service life for low production runs, repairs and prototype work—any application requiring consistent, highly reliable terminations. Models are available providing double action, in which crimping dies travel in an arc-like path, or straight action, which prevents possible rotation of the terminal due to die arcing. A heavy-head style terminates large heavy-gauge wire.

Heavy Head Hand Tool (HHHT)

Long Handle Tool (DAHT)



AMP-TAPETRONIC Machine Part No.69875 (Requires Dies)

Vinyl

Wire Size [mm²] Circular Mils	Wire Combination Chart	Tools for Loose Piece Splices: Hand Tool	Crimping Head for 69005 or (69010)	Die for[5] Model 2614**	Die for Model 1210**	Die Assembly[4] for 69365, 69365-2, 69710, 46110-2 & 69319-1	Crimping Jaws for 68068 & 68068-3[3]	For Tape Mounted Splices: Die Assembly for 69875[3]	Part Numbers: Loose Piece	Part Numbers: Tape Mounted
22-16 [03-1.4] 3,248-4,872	408-1396	45329 CC 45330 Insul. Crimp CC	45328 CC			68022 CC			34306	—
		45329 CC	45328 CC			68022 CC			34349	—
									34864	—
22-16 [03-1.4] 3,248-4,872	408-2228					69820 Insulation Crimp C			50920	—
									50920-1[1]	—
	408-1395	69145 C	69238-1 Requires Die 69239 C			69303-2 C		69973 C	328890	2-328890-1
									330021	1-330021-0
22-14 [0.3-2.0] 509-5,180	408-1394	45216 CO 48087 CC* 48208 C	45217CO 302219† C	354422-1CO 314833-1CO		45218 CO		69951 CO	34304	—
									36964	2-36964-2
									2-36964-5[1]	—
									2-328375-3	—
	408-9850								55843-1	—
22-12 [0.3-3.0] 3,248-11,400	408-1479	46866 C	69430 C (46516) C		314592-1C	47811 C		69952 C	53234-1	—
									329251	2-329251-1
									2-329251-2[1]	—
22-10 [0.3-6.0] 3,248-13,100	408-1029	45219-2 CO 48208 C	37836† C 302219† C (45220) CO		314621-1CO	45221 CO		69950 CO	36965	1-36965-1
									1-36965-3[1]	—
	408-1002								321519	2-321519-2
22-10 [0.3-6.0] 5,180-13,100	408-1397	45324 CC	45323 CC (45325) CC			45221 CO			34308	—
									34865	—
18-8 [0.8-8.0] 10,320-20,820	408-1008	69335 C	(69244) C				68245-1CO		55808-1	—
									320788	—
18-6 [0.8-16] 19,500-42,700	408-2605						68268-1CO		53891-1	—

*For p/n **34304** and **36964** only (insulation crimp)
**Where listed Model 2614 or 1210 are the recommended tool
[1]Bulk packaged
[3]With foot pedal control
[4]These dies may be used with Model 2614 Pneumatic Tool and Straight Action Adapter part number **354173-1**
[5]Model 2614 may be ordered with either a foot pedal or hand actuator

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Nylon and Vinyl Tooling

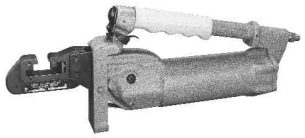
Pneumatic Tools

Designed for medium production, these semi-automatic power tools offer the convenience of hand tools plus the effortless precision and speed of machines. They are built for long, rugged service and are equipped with removable crimping dies for terminating a variety of AMP products.

Pneumatic Tool Part No.69005 or 69010

Pneumatic Tool Part No. 46110-2

Pneumatic Tool Model No.2614 or 1210



Pneumatic Tool Part No. 69365-2

Nylon

Wire Size [mm²] Circular Mils	Wire Combination Chart	Tools for Loose Piece Splices: Hand Tool	Crimping Head for 69005 or (69010)	Die for[5] Model 2614**	Die for Model 1210**	Die Assembly[4] for 69365, 69365-2, 69710, 46110-2 & 69319-1	For Tape Mounted Splices: Die Assembly 69875[3]	Part Numbers: Loose Piece	Part Numbers: Tape Mounted
22-14 [0.3-2.0] 509-5.180	408-1271	45216 CO 48208 C	45217† CO 302219† C	354422-1CO 314833-1CO		45218 CO	69951 CO	35115	1-35115-0
								1-35115-2†	—
	408-8806							55927-1	1-55927-0
22-10 [0.3-6.0] 3,248-13,100	408-1021	45219-2 CO 48208 C	37836† CO 302219† C (45220) CO		314621-1CO	45221 CO	69950 CO	35653	2-35653-1
								2-35653-2†	—
	408-8807	46866 C	69430 C	354422-2[6]C	314592-1C	47811 C	69952 C	55929-1	—
	408-1003							53915-1	53915-2
								53915-4	—
								328730	2-328730-1
								328730-1	—

PVF² Molded Splices (Kynar)

Wire Size [mm²] Circular Mils	Wire Combination Chart	Tools for Loose Piece Splices: Hand Tool	Crimping Head for 69005 or (69010)	Die for[5] Model 2614**	Die for Model 1210**	Die Assembly[4] for 69365, 69365-2, 69710, 46110-2 & 69319-1	For Tape Mounted Splices: Die Assembly 69875[3]	Part Numbers: Loose Piece	Part Numbers: Tape Mounted
22-12 [0.3-3.0] 3,248-11,400	408-2907	46866 C	69430 C (46516) C	354422-2[6]C	314592-1C	47811 C	—	54316-1†	—

**Where listed Model 2614 or 1210 are the recommended tool
[1]Bulk packaged
[3]With foot pedal control
[4]These dies may be used with Model 2614 Pneumatic Tool and Straight Action Adapter Part Number **354173-1**
[5]Model 2614 may be ordered with either a foot pedal or hand actuator
[6]Limited wire size range; see Instruction Sheet 408-9906

Splice Marking

VS— 300V, 90°C
ECV— 600V max. Building Wiring —1,000V max. Fixtures and Signs, 105°C UL, 90°C CSA
ECN— 300V 105°C
EC— 600V max. Building Wiring —1,000V max. Fixtures and Signs 105°C

Type of Crimp

C— C Crimp
CC— Confined Crescent
CO— Crescent Oval

† Stranded Wire Only
†† 150°C

Catalog 65472
Revised 04-04
www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

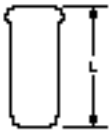
USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425
South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Spare Wire Caps and Tooling

Wire Size Range
AWG 22 to 10 [0.3 to 6.0 mm²], CMA 509 to 13,100

Material
Copper Tin plated
Insulation — Nylon

For Unstripped Wire



For Stripped Wire

Wire Size [mm²] Circular Mils	Style	Dimension L Max.	Cap Insulation Color	Wire Insulation Diameter Range	Wire Insulation Diameter Max.	Part Numbers		Tooling		
						Loose Piece	Tape Mounted	Hand Tool	T-Head	Die For 69875
—	Unstripped Wire	**.515** 13.08	Trans.	**.048-.075** 1.22-1.91	—	324484	—	46063	—	—
		.515 13.08	Red	**.080-.115** 2.03-2.92	—	324485	2-324485-1	46063	—	68166-1
		.515 13.08	Blue	**.120-.145** 3.05-3.68	—	324486	—	46063	—	—
		.515 13.08	Yellow	**.150-.220** 3.81-5.59	—	324487	—	46063	—	—
22-18 [0.3-0.8.5] 509-3,248	Stripped Wire	**.430** 10.92	Red	—	**.124** 3.15	328307*	—	47386[1]	59250	—
16-14 [1.4-2.0] 2,050-5,180	Stripped Wire	**.430** 10.92	Blue	—	**.149** 3.78	328308*	2-328308-1*	47387[1]	59250	68169-1
12-10 [3.0-6.0] 5,180-13,100	Stripped Wire	**.478** 12.14	Yellow	—	**.210** 5.33	328309*	—	59239-4[2]	—	—
—	Unstripped Wire	**.515** 13.08	Trans.	**.048-.075** 1.22-1.91	—	324693[3]	—	46063	—	—
		.515 13.08	Red	**.080-.115** 2.03-2.92	—	324694[3]	—	46063	—	—
		.515 13.08	Blue	**.120-.145** 3.05-3.68	—	324695[3]	—	46063	—	—
		.515 13.08	Yellow	**.150-.220** 3.81-5.59	—	324696[3]	—	46063	—	—

[1]Long Handle Tool
[2]Heavy Head Tool
[3]Moisture resistant
*See Table I

Table I: Military Cross Reference (meets MIL-T-7928)

Military			AMP Part Number
Part Number	Dash	Class	
MS 25274	-2	1 & 2	328307
	-3	1 & 2	328308
		2	2-328308-1
	-4	1 & 2	328309

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Vinyl and Nylon Tooling

Instruction Sheet Cross Reference List

Hand Tool	Instruction Sheet
45216	408-1578
45219-2	408-1578
45324	408-1544
45329	408-1544
45330	408-1552
46063	408-1510
46866	408-1539
47386[1]	408-1559
47387[1]	408-1559
48087	408-1552
48208	408-1738
59239-4[2]	408-1261
69145	408-1804
69335	408-1873

Die for Model 1210	Instruction Sheet
314592-1	408-9646
314621-1	408-9666

Die Assembly[4] for 69365, 69365-2, 69710, 46110-2, & 69319-1	Instruction Sheet
45218	408-1634
45221	408-1634
47811	408-9641
68022	408-1634
69303-2	408-1634
69820	408-1634

Die for 69005	Instruction Sheet
37836	408-1415
45217	408-1415
45323	408-1413
45328	408-1413
69238-1	408-1816
69239	408-1816
69430	408-1415
302219	408-1415

Crimping Jaws for[3] 68068 & 68068-3	Instruction Sheet
68245-1	408-2564
68268-1	408-2564

Die Assembly for[3] 69875 (on Tape)	Instruction Sheet
68166-1	408-2254
68169-1	408-2254
69950	408-2254
69951	408-2254
69952	408-2254
69973	408-2254

Die for 69010	Instruction Sheet
45220	408-1415
45325	408-1754
46516	408-1415
69244	408-1413

T-Head	Instruction Sheet
59250	408-1610

Die for[5] Model 2614	Instruction Sheet
314833-1	408-9761
354422-1	408-9893
354422-2[6]	408-9906

[1]Long Handle Tool
[2]Heavy Head Tool
[3]With Foot Pedal Control
[4]These dies may be used with Model 2614 Pneumatic Tool and Straight Action Adapter part number **354173-1**
[5]Model 2614 may be ordered with either a foot pedal or hand actuator
[6]Limited wire size; see Instruction Sheet 408-9906

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Vinyl Wire Combination Charts, For Splices on Page 2

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE ECV
SOL. OR STR. WIRE COMB. CHART

408-1002

CU

Catalog No.321519
Circular Mil Range 3,248 — 13,100

Use "18-10 ECV— ECN or 16-10 C" Tooling

Strip Length— 14.29 mm [.563 in.] Min.— 15.88 mm [.625 in.] Max.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-10 SOL. OR STR.
600 Volt Max. Building Wiring
1000 Volt Max. Fixtures & Signs

424 C LISTED
105°C MAX.

LR 7189 CERTIFIED
90°C MAX.

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14	NO. 12	NO. 10
NO. 22	1	4-14	3-8	2-7	1-4	1-3	1	1
	2	3-13	2-7	1-6	1-4	1-2	1	1
	3	2-12	1-6	1-5	1-3	1-2	1	1
	4	1-11	1-6	1-5	1-3	1-2	1	—
	5	1-10	1-5	1-4	1-3	1-2	1	—
	6	1-9	1-4	1-4	1-3	1-2	1	—
	7	1-8	1-4	1-4	1-2	1-2	1	—
	8	1-7	1-4	1-3	1-2	1	—	—
	9	1-6	1-4	1-3	1-2	1	—	—
	10	1-5	1-3	1-2	1	1	—	—
	11	1-4	1-2	1-2	1	1	—	—
	12	1-3	1	1	1	1	—	—
	13	1-2	1	1	1	—	—	—
	14	1	1	1	1	—	—	—
NO. 20	1	4-14	3-7	2-7	1-4	1-2	1	1
	2	2-11	1-6	1-6	1-4	1-2	1	1
	3	1-10	1-5	1-4	1-3	1-2	1	—
	4	1-9	1-4	1-3	1-2	1-2	1	—
	5	1-7	1-3	1-3	1-2	1	1	—
	6	1-4	1-2	1-3	1	1	1	—
	7	1-2	1	1	1	1	—	—
NO. 18	1	2-14	1-7	1-6	1-4	1-2	1	1
	2	1-11	1-7	1-5	1-3	1-2	1	—
	3	1-9	1-6	1-4	1-3	1-2	1	—
	4	1-7	1-3	1-3	1-2	1	1	—
	5	1-4	1-2	1-2	1	1	—	—
	6	1-2	1	1	1	—	—	—
NO. 16	1	1-14	1-7	1-6	1-4	1-2	1	1
	2	1-9	1-5	1-4	1-3	1	1	—
	3	1-6	1-3	1-3	1-2	1	—	—
	4	1-2	1-2	1	1	—	—	—
NO. 14	1	1-12	1-7	1-5	1-3	1-2†	1	—
	2	1-7	1-4	1-3	1	1†	—	—
NO. 12	1	1-7	1-6	1-4	1-2	1	1*	—
NO. 10	1	1-3	1-2	1	1	—	—	—

†Stranded wire only.
*Partially closing hand tools to "oval" splice permits use of solid wires in these combinations.

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping. Minimum loading is five No. 22 wires.

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

TYPE ECV
SOL. OR STR. WIRE COMB. CHART

408-1008

Catalog No.320788 & 55808-1
Circular Mil Range 10,320 — 20,820

Use "18-8 ECV" Tooling

Strip Length— 18.26 mm [.719 in.] Min.— 19.84 mm [.781 in.] Max.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 18-8 SOL. OR STR.
600 Volt Max. Building Wiring
1000 Volt Max. Fixtures & Signs

424 C LISTED
105°C MAX.

LR 7189 CERTIFIED
90°C MAX.

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE					
		NO. 18	NO. 16	NO. 14	NO. 12	NO. 10	NO. 8
NO. 18	1	6-11	4-7	3-4	2	1	1
	2	5-10	3-6	2-4	2	1	1
	3	4-9	3-6	2-3	1-2	1	—
	4	3-8	2-5	1-3	1-2	1	—
	5	2-7	1-4	1-3	1	1	—
	6	1-6	1-4	1-2	1	1	—
	7	1-5	1-3	1-2	1	—	—
	8	1-4	1-3	1	1	—	—
	9	1-3	1-2	1	—	—	—
	10	1-2	1	1	—	—	—
	11	1	1	—	—	—	—
NO. 16	1	5-11	3-6	2-4	2	1	1
	2	4-9	2-5	2-3	1-2	1	—
	3	2-8	1-4	1-3	1	1	—
	4	1-6	1-3	1-2	1	1	—
	5	1-4	1-2	1	1	—	—
	6	1-3	1	1	—	—	—
	7	1	—	—	—	—	—
NO. 14	1	4-10	3-6	2-4	1-2	1	1
	2	2-7	1-4	1-3	1	1	—
	3	1-5	1-3	1-2	1	—	—
	4	1-2	1	1	—	—	—
NO. 12	1	3-8	2-5	1-3	1-2	1	—
	2	1-4	1-3	1	1	—	—
NO. 10	1	1-6	1-4	1-2	1	1*	—
NO. 8	1	1-2	1	1	—	—	—

*Two No. 10 wires to be stranded only.

INSTRUCTIONS: Use as shown for OEM applications; otherwise, for all field applications, twist wires together before crimping. Minimum loading is seven No. 18 wires.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Vinyl Wire Combination Charts, For Splices on Page 2 (Continued)

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE VS SOL. OR STR. WIRE COMB. CHART

Catalog No.36965
Circular Mil Range 3,248 — 13,100

Use "18-10 ECV— ECN or 16-10 C" Tooling†

Strip Length— 10.72 mm [.422 in.] Min.— 11.51 mm [.453 in.] Max.

408-1029

CU

424 C LISTED

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-10 SOL. OR STR.
300 Volt Max. 90°C Max.

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14	NO. 12	NO. 10
NO. 22	1	4-12	3-8	2-7	1-4	1-2	1	1
	2	3-11	2-7	1-6	1-3	1-2	1	1
	3	2-10	1-6	1-5	1-3	1-2	1	1
	4	1-9	1-5	1-4	1-3	1-2	1	1
	5	1-8	1-5	1-4	1-3	1-2	1	—
	6	1-7	1-5	1-4	1-2	1-2	1	—
	7	1-6	1-4	1-3	1-2	1	1	—
	8	1-5	1-4	1-3	1-2	1	1	—
	9	1-4	1-3	1-2	1-2	1	1	—
	10	1-3	1-3	1-2	1	1	—	—
	11	1-2	1-2	1-2	1	1	—	—
	12	1	1-2	1-2	1	1	—	—
NO. 20	1	3-11	2-7	2-6	1-4	1-2	1	1
	2	2-10	1-6	1-4	1-3	1-2	1	—
	3	1-9	1-5	1-4	1-3	1-2	1	—
	4	1-8	1-4	1-3	1-3	1-2	1	—
	5	1-6	1-3	1-3	1-2	1	1	—
	6	1-3	1-2	1-2	1	1	1	—
	7	1-2	1	1	1	—	—	—
NO. 18	1	2-12	2-7	1-6	1-3	1-2	1	1
	2	1-10	1-6	1-5	1-3	1-2	1	—
	3	1-8	1-5	1-4	1-3	1-2	1	—
	4	1-6	1-3	1-3	1-2	1	1	—
	5	1-4	1	1-2	1	1	—	—
	6	1-2	1	1	1	—	—	—
NO. 16	1	1-11	1-9	1-6	1-4	1-2	1	1
	2	1-8	1-6	1-4	1-2	1	1	—
	3	1-6	1-4	1-3	1	1	—	—
	4	1-3	1	1	1	—	—	—
NO. 14	1	1-10	1-7	1-5	1-3	1-2	1	—
	2	1-6	1-3	1-3	1	1	—	—
NO. 12	1	1-9	1-6	1-4	1-2	1	1	—
NO. 10	1	1-3	1-2	1	1	—	—	—

†Maximum wire loading is 4.208 CMAwhen using No. 37836 crimping head.

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping. Minimum loading is five No. 22 wires.

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE VS SOL. OR STR. WIRE COMB. CHART

Catalog No.34304,36964,& 2-328375-3
Circular Mil Range 509 — 5,180

Use "18-16 ECV— ECN or 22-14 ECV— ECN" Tooling

Strip Length— 8.33 mm [.328 in.] Min.— 9.13 mm [.359 in.] Max.

408-1394

CU

424 C LISTED

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-14 SOL. OR STR.
300 Volt Max. 90°C MAX.

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE				
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14
NO. 22	1	1-5	1-3	1-2	1	1
	2	1-4	1-3	1-2	1	—
	3	1-3	1-2	1	1	—
	4	1-2	1	1	—	—
	5	1	1	1	—	—
NO. 20	1	1-5	1-3	1-2	1	1
	2	1-4	1-2	1	1	—
	3	1-3	1	1	—	—
NO. 18	1	1-4	1-3	1-2	1	—
	2	1-2	1	1	—	—
NO. 16	1	1-3	1-2	1	1	—
NO. 14	1	1	1	—	—	—

AMPAPPROVED WIRE COMBINATIONS
WIRE SIZE 24-14

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE					
		NO. 24	NO. 22	NO. 20	NO. 18	NO. 16	NO. 14
NO. 24	1	1-10	1-6	1-4	1-2	1	1
	2	1-9	1-5	1-4	1-2	1	1
	3	1-8	1-5	1-3	1-2	1	—
	4	1-7	1-4	1-3	1-2	1	—
	5	1-6	1-4	1-2	1	1	—
	6	1-5	1-3	1-2	1	—	—
	7	1-4	1-2	1	1	—	—
NO. 22	1	1-9	1-6	1-3	1-2	1	1
	2	1-7	1-5	1-3	1-2	1	—
	3	1-6	1-4	1-2	1	1	—
	4	1-4	1-3	1	1	—	—
	5	1-3	1-2	1	1	—	—
NO. 20	1	1-7	1-4	1-3	1-2	1	1
	2	1-6	1-3	1-2	1	1	—
	3	1-3	1-2	1	1	—	—
NO. 18	1	1-7	1-5	1-3	1-2	1	—
	2	1-4	1-2	1	1	—	—
NO. 16	1	1-4	1-3	1-2	1	1	—
NO. 14	1	1-2	1	1	—	—	—

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Vinyl Wire Combination Charts, For Splices on Page 2 (Continued)

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE ECV
SOL. OR STR. WIRE COMB. CHART

408-1395

CU

Catalog No.328890 & 330021
Circular Mil Range 3,248 — 4,872

Use "18-16 EC" Tooling

Strip Length— 7.94 mm [.313 in.] Min.— 8.73 mm [.344 in.] Max.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-16 SOL. OR STR.
600 Volt Max. Building Wiring
1000 Volt Max. Fixtures & Signs

424 C LISTED
105°C MAX.

LR 7189 CERTIFIED
90°C MAX.

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE			
		NO. 22	NO. 20	NO. 18	NO. 16
NO. 22	1	4-5	3-4	2	1
	2	3-4	2-3	1-2	1
	3	2-3	1-2	1	1
	4	1-2	1	1	—
	5	1	1	—	—
NO. 20	1	3-5	2-3	2	1
	2	2-3	1-2	1	1
	3	1-2	1	1	—
	4	1	—	—	—
NO. 18	1	2-4	2	1-2	1
	2	1-2	1	1	—
NO. 16	1	1-3	1-2	1	—

INSTRUCTIONS: Twist wires together before crimping. Minimum loading is five No. 22 wires.

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE VS
SOL. OR STR. WIRE COMB. CHART

408-1396

Catalog No.34306,34349 & 34864
Circular Mil Range 3,248 — 4,872

Use "18-16 VS or 16-14 ECV" Tooling

Strip Length— 8.73 mm [.344 in.] Min.— 10.32 mm [.406 in.] Max.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-16 SOL. OR STR.
300 Volt Max. 90°C Max.

424 C LISTED

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE			
		NO. 22	NO. 20	NO. 18	NO. 16
NO. 22	1	4*	3	2	1
	2	3*	2	2	1
	3	2*	—	1	—
	4	1*	1	1	—
NO. 20	1	4	3	2	1
	2	2	—	1	1
	3	1	1	—	—
NO. 18	1	3	2	1-2	1
	2	1	1	1	—
NO. 16	1	1-2	1-2	1	—

*Solid wire only.
INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping.

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE ECV
SOL. OR STR. WIRE COMB. CHART

408-2228

Catalog No.50920
Circular Mil Range 3,248 — 4,872

Use "18-16" ECVG Tooling

Strip Length— 10.32 mm [.406 in.] Min.— 11.91 mm [.469 in.] Max.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-16 SOL. OR STR.
600 Volt Max.Building Wiring
1000 Volt Max. Fixtures & Signs

424 C LISTED 105°C MAX.

LR 7189 CERTIFIED 90°C MAX.

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE			
		NO. 22	NO. 20	NO. 18	NO. 16
NO. 22	1	4	3	2	1
	2	3	2	2	1
	3	2	2	1	—
	4	1	1	1	—
NO. 20	1	4	3	2	1
	2	2	2	1	1
	3	1	1	—	—
NO. 18	1	3	2	1-2	1
	2	1	1	1	—
NO. 16	1	1-2	1-2	1	—

INSTRUCTIONS: Twist wires together before crimping.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Vinyl Wire Combination Charts, For Splices on Page 2 (Continued)

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE VS
SOL. OR STR. WIRE COMB. CHART

408-1397

CU

Catalog No.34308 & 34865
Circular Mil Range 5,180 — 13,100

Use "18-10 VS or 12-10 ECV" Tooling

Strip Length— 11.11 mm [.438 in.] Min.— 12.70 mm [.500 in.] Max.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-10 SOL. OR STR.
300 Volt Max. 90°C Max.

424 C LISTED

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14	NO. 12	NO. 10
NO. 22	1	7	5-6	3-5	2-3	2	1	1
	2	6	4-5	3-4	2-3	1-2	1	1
	3	5	4	2-3	2	1	1	—
	4	4	3-4	2-3	1-2	1	1	—
	5	3	2-3	2	1-2	1	—	—
	6	2	1-2	1	1	1	—	—
	7	1	1	1	1	1	—	—
	8	—	—	—	—	—	—	—
	9	—	—	—	—	—	—	—
NO. 20	1	6-7	5-6	3-4	2	2	1	1
	2	5-6	4-5	2-4	2-3	1	1	1
	3	4-5	3-4	2-3	1-2	1	1	—
NO. 18	1	6	4-5	3-5	2	1-2	1	1*
	2	3-5	2-4	2-4	1-2	1	1	—
	3	1-4	1-3	1-3	1	1	1	—
NO. 16	1	4-6	3-4	2-3	1-3	1-2	1	1*
	2	1-4	1-4	1-3	1-2	1	1	—
NO. 14	1	2-5	2-4	1-3	1-2	1	1*	—
	2	1-3	1-2	1-2	1	1	—	—
NO. 12	1	1-4	1-3	1-3	1	1*	—	—
NO. 10	1	1-2	1	1*	1*	—	—	—

*Partially closing hand tools to "oval" splice permits use of solid wires in these combinations.

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping. Minimum loading is eight No. 22

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE ECV
STRANDED WIRE COMB. CHART

408-1479

Catalog No.329251 & 53234-1
Circular Mil Range 3,248 — 11,400

Use "18-10 EC" Tooling

Strip Length— 10.72 mm [.422 in.] Min.— 11.51 mm [.453 in.] Max.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-12 STR.
1000 Volt Max. Fixtures & Signs
600 Volt Max. Building Wiring

424 C LISTED
105°C MAX.

LR 7189 CERTIFIED
90°C MAX.

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE					
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14	NO. 12
NO. 22	1	4-13	3-9	2-6	1-4	1-2	1
	2	3-12	2-8	2-5	1-3	1-2	1
	3	2-11	1-7	1-5	1-3	1-2	1
	4	1-10	1-6	1-4	1-3	1-2	1
	5	1-9	1-6	1-4	1-3	1	1
	6	1-8	1-5	1-4	1-2	1	1
	7	1-7	1-5	1-3	1-2	1	1
	8	1-6	1-4	1-2	1-2	1	—
	9	1-5	1-3	1-2	1	1	—
	10	1-4	1-3	1-2	1	1	—
	11	1-3	1-2	1	—	—	—
NO. 20	1	4-11	3-9	2-6	1-4	1-2	1
	2	2-9	2-8	1-5	1-3	1-2	1
	3	1-8	1-7	1-4	1-2	1-2	1
	4	1-7	1-6	1-4	1-2	1	1
NO. 18	1	3-10	2-8	1-6	1-3	1-2	1
	2	1-9	1-7	1-5	1-3	1	1
	3	1-8	1-5	1-4	1-2	1	1
	4	1-7	1-4	1-3	1	1	—
NO. 16	1	1-9	1-7	1-5	1-3	1-2	1
	2	1-6	1-5	1-3	1-2	1	—
	3	1-5	1-3	1-2	1	—	—
NO. 14	1	1-10	1-7	1-4	1-2	1	1
	2	1-4	1-3	1	1	—	—
NO. 12	1	1-6	1-4	1-3	1	1	—

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping. Minimum loading is five No. 22 wires.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Vinyl Wire Combination Charts, For Splices on Page 2 (Continued)

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

424 C LISTED

105°C MAX.

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE ECV SOL. OR STR. WIRE COMB. CHART

408-2605

CU

Catalog No.53891-1
Circular Mil Range 19,500 — 42,700

Use "18-6 ECV" Tooling

Strip Length—18.26 mm [.719 in.] Min.— 19.84 mm [.781 in.] Max.

ULLISTED WIRE COMBINATIONS
WIRE SIZE 18-6 SOL. OR STR.
600 Volt Max. Building Wiring
1000 Volt Max. Fixtures & Signs

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		NO. 18	NO. 16	NO. 14	NO. 12	NO. 10	NO. 8	NO. 6
NO. 18	1	12-15	7-13	5-7	3-5	2-3	2	1
	2	11-14	7-12	4-7	3-5	2-3	1-2	1
	3	10-13	6-11	4-7	3-5	2-3	1-2	1
	4	9-12	6-10	4-6	2-5	2-3	1-2	1
	5	8-11	5-9	3-6	2-5	2-3	1-2	1
	6	7-10	4-9	3-5	2-4	1-3	1	1
	7	6-9	4-8	2-5	2-4	1-2	1	—
	8	5-8	3-7	2-4	1-4	1-2	1	—
	9	4-7	2-6	2-4	1-4	1	1	—
	10	3-6	2-5	1-3	1-3	1	1	—
	11	2-5	1-5	1-3	1-3	1	1	—
	12	1-4	1-4	1-2	1-2	1	—	—
	13	1-3	1-3	1	1	—	—	—
	14	1-2	1-2	1	—	—	—	—
	15	1	1	—	—	—	—	—
NO. 16	1	11-15	7-13	5-7	3-5	2-3	2	1
	2	9-14	6-12	4-7	3-5	2-3	1-2	1
	3	8-13	5-11	3-6	2-5	2-3	1-2	1
	4	6-12	4-10	3-6	2-4	1-3	1	1
	5	5-11	3-9	2-5	2-4	1-2	1	1
	6	3-9	2-8	1-5	1-3	1	1	—
	7	1-8	1-7	1-4	1-3	1	—	—
	8	1-7	1-6	1-3	1-2	1	—	—
	9	1-6	1-5	1-3	1-2	1	—	—
	10	1-4	1-4	1-2	1	—	—	—
	11	1-3	1-3	1	1	—	—	—
	12	1-2	1-2	1	—	—	—	—
	13	1	1	—	—	—	—	—
NO. 14	1	10-14	6-12	4-7	3-5	2-3	1-2	1
	2	7-12	5-10	3-6	2-5	2-3	1-2	1
	3	5-11	3-9	2-5	2-4	1-2	1	1
	4	2-9	2-7	1-4	1-3	1-2	1	—
	5	1-7	1-6	1-3	1-2	1	—	—
	6	1-5	1-4	1-2	1	1	—	—
	7	1-3	1-2	1	—	—	—	—
NO. 12	1	8-13	6-11	4-6	2-5	2-3	1	1
	2	4-12	3-9	2-5	1-4	1-2	1	1
	3	1-11	1-7	1-4	1-3	1-2	1	—
	4	1-9	1-5	1-3	1-2	1	—	—
	5	1-5	1-3	1-2	1	—	—	—
NO. 10	1	6-12	4-9	3-6	2-4	1-3	1	1
	2	1-8	1-5	1-4	1-3	1-2	1	—
	3	1-6	1-4	1-2	1	1	—	—
NO. 8	1	2-11	2-6	1-4	1-3	1-2	—	—
	2	1-5	1-2	1-2	—	—	—	—
NO. 6	1	1-6	1-5	1-3	1-2	1	—	—

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping. Minimum loading is thirteen No. 18 wires.

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

424 C LISTED

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE ECV SOL. OR STR. WIRE COMB. CHART

408-9850

CU

Catalog No.55843-1
Circular Mil Range 509 — 5,180

Use "18-16 ECV— ECN or 22-14 ECV— ECN" Tooling

Strip Length— 8.33 mm [.328 in.] Min.— 9.13 mm [.359 in.] Max.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-14 SOL. OR STR.
600 Volt Max. Building Wiring
1000 Volt Max. Fixtures & Signs
105°C [221°F] Max.

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE				
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14
NO. 22	1	1-5	1-3	1-2	1	1
	2	1-4	1-3	1-2	1	—
	3	1-3	1-2	1	1	—
	4	1-2	1	1	—	—
	5	1	1	1	—	—
NO. 20	1	1-5	1-3	1-2	1	1
	2	1-4	1-2	1	1	—
	3	1-3	1	1	—	—
NO. 18	1	1-4	1-3	1-2	1	—
	2	1-2	1	1	—	—
NO. 16	1	1-3	1-2	1	1	—
NO. 14	1	1	1	—	—	—

AMPAPPROVED WIRE COMBINATIONS
WIRE SIZE 22-14

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE					
		NO. 24	NO. 22	NO. 20	NO. 18	NO. 16	NO. 14
NO. 24	1	1-10	1-6	1-4	1-2	1	1
	2	1-9	1-5	1-4	1-2	1	1
	3	1-8	1-5	1-3	1-2	1	—
	4	1-7	1-4	1-3	1-2	1	—
	5	1-6	1-4	1-2	1	1	—
	6	1-5	1-3	1-2	1	—	—
	7	1-4	1-2	1	1	—	—
NO. 22	1	1-9	1-6	1-3	1-2	1	1
	2	1-7	1-5	1-3	1-2	1	—
	3	1-6	1-4	1-2	1	1	—
	4	1-4	1-3	1	1	—	—
	5	1-3	1-2	1	1	—	—
NO. 20	1	1-7	1-4	1-3	1-2	1	1
	2	1-6	1-3	1-2	1	1	—
	3	1-3	1-2	1	1	—	—
NO. 18	1	1-7	1-5	1-3	1-2	1	—
	2	1-4	1-2	1	1	—	—
NO. 16	1	1-4	1-3	1-2	1	1	—
NO. 14	1	1-2	1	1	—	—	—

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Nylon Wire Combination Charts, For Splices on Page 3

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE EC
SOL. OR STR. WIRE COMB. CHART

(Solid or Stranded Wire)
Catalog No.328730,
53915-1,53915-4
Circular Mil Range 3,248 — 13,100

Use "18-10 EC" Tooling

Strip Length—10.72 mm [.422 in.] Min.—
11.51 mm [.453 in.] Max.

408-1003

CU

424 C
LISTED
105°C MAX.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-16 STR.
600 Volt Max.Building Wiring
1000 Volt Max.Fixtures & Signs

LR 7189
CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE			
		NO. 22	NO. 20	NO. 18	NO. 16
NO. 22	1	4-12	3-11	2-7	1-4
	2	3-11	2-10	1-6	1-3
	3	2-10	1-9	1-6	1-3
	4	1-9	1-7	1-5	1-3
	5	1-8	1-6	1-5	1-3
	6	1-7	1-5	1-5	1-2
	7	1-6	1-5	1-4	1-2
	8	1-5	1-3	1-3	1-2
	9	1-4	1-3	1-3	1-2
	10	1-3	1-2	1-2	1
	11	1-2	—	—	—
	12	1	—	—	—
	13	—	—	—	—
NO. 20	1	3-11	3-10	2-7	1-4
	2	2-10	2-9	1-6	1-3
	3	1-9	1-8	1-6	1-3
	4	1-8	1-7	1-4	1-3
	5	1-6	1-6	1-4	1-2
	6	1-3	1-5	1-3	1-2
	7	1-2	1-4	1-3	1
NO. 18	1	3-12	2-9	1-7	1-3
	2	1-10	1-7	1-6	1-3
	3	1-9	1-6	1-5	1-2
NO. 16	1	1-11	1-8	1-6	1-3
	2	1-9	1-5	1-3	1-2

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping. Minimum loading is five No. 22 wires.

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE
SOL. OR STR. WIRE COMB. CHART

(Solid or Stranded Wire)
Catalog No.328730,
53915-1,53915-4
Circular Mil Range 3,248 — 13,100

Use "18-10 EC" Tooling

Strip Length— 10.72 mm [.422 in.] Min.—
11.51 mm [.453 in.] Max.

408-1003

CU

424 C
LISTED
105°C MAX.

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-10
300 Volt Max.
105° C Max.

LR 7189
CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14	NO. 12	NO. 10
NO. 22	1	4-14	3-8	2-7	1-4	1-2	1	1
	2	3-13	2-7	1-6	1-3	1-2	1	1
	3	2-12	1-6	1-5	1-3	1-2	1	1
	4	1-11	1-5	1-4	1-3	1-2	1	1
	5	1-10	1-5	1-4	1-3	1-2	1	—
	6	1-9	1-5	1-4	1-2	1-2	1	—
	7	1-8	1-4	1-3	1-2	1	1	—
	8	1-7	1-4	1-3	1-2	1	1	—
	9	1-6	1-3	1-2	1-2	1	1	—
	10	1-5	1-3	1-2	1	1	—	—
	11	1-4	1-2	1-2	1	1	—	—
	12	1-3	1-2	1-2	1	1	—	—
	13	1-2	1	1	—	—	—	—
	14	1	1	1	—	—	—	—
	15	—	1	—	—	—	—	—
NO. 20	1	3-11	2-7	2-6	1-4	1-2	1	1
	2	2-10	1-6	1-4	1-3	1-2	1	—
	3	1-9	1-5	1-4	1-3	1-2	1	—
	4	1-8	1-4	1-3	1-3	1-2	1	—
	5	1-6	1-3	1-3	1-2	1	1	—
	6	1-3	1-2	1-2	1	1	1	—
	7	1-2	1	1	1	—	—	—
NO. 18	1	2-12	2-7	1-6	1-3	1-2	1	1
	2	1-10	1-6	1-5	1-3	1-2	1	—
	3	1-8	1-5	1-4	1-3	1-2	1	—
	4	1-6	1-3	1-3	1-2	1	1	—
	5	1-3	1	1-2	1	1	—	—
	6	1-2	1	1	1	—	—	—
NO. 16	1	1-11	1-9	1-6	1-4	1-2	1	1*
	2	1-8	1-6	1-4	1-3	1	1	—
	3	1-6	1-4	1-3	1-2	1	—	—
	4	1-3	1	1	1	—	—	—
NO. 14	1	1-10	1-7	1-5	1-3	1-2	1	—
	2	1-6	1-3	1-3	1	1	—	—
NO. 12	1	1-9	1-6	1-4	1-2	1	1*	—
NO. 10	1	1-3	1-2	1	1	—	—	—

*Partially closing hand tools to "oval" splice permits use of solid wires in these combinations.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Nylon Wire Combination Charts, For Splices on Page 3 (Continued)

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE ECN
SOL. OR STR. WIRE COMB. CHART
Catalog No.35115
Circular Mil Range 509—5,180

408-1271

CU

Use "18-16 ECV— ECN or 22-14 ECV— ECN" Tooling

Strip Length—8.33 mm [.328 in.] Min.—9.13 mm [.359 in.] Max.

424 C LISTED

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-14 SOL. OR STR.
300 Volt Max. 105°C MAX.

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE				
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14
NO. 22	1	1-5	1-3	1-2	1	1
	2	1-4	1-3	1-2	1	—
	3	1-3	1-2	1	1	—
	4	1-2	1	1	—	—
	5	1	1	1	—	—
NO. 20	1	1-5	1-3	1-2	1	1
	2	1-4	1-2	1	1	—
	3	1-3	1	1	—	—
NO. 18	1	1-4	1-3	1-2	1	—
	2	1-2	1	1	—	—
NO. 16	1	1-3	1-2	1	1*	—
NO. 14	1	1	1	—	—	—

NOTE: Two No. 18 solid wires must be twisted.

AMP APPROVED WIRE COMBINATIONS
WIRE SIZE 24-14 SOL. OR STR.

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE					
		NO. 24	NO. 22	NO. 20	NO. 18	NO. 16	NO. 14
NO. 24	1	1-10	1-6	1-4	1-2	1	1
	2	1-9	1-5	1-4	1-2	1	1
	3	1-8	1-5	1-3	1-2	1	—
	4	1-7	1-4	1-3	1-2	1	—
	5	1-6	1-4	1-2	1	1	—
	6	1-5	1-3	1-2	1	—	—
	7	1-4	1-2	1	1	—	—
NO. 22	1	1-9	1-6	1-3	1-2	1	1
	2	1-7	1-5	1-3	1-2	1	—
	3	1-6	1-4	1-2	1	1	—
	4	1-4	1-3	1	1	—	—
	5	1-3	1-2	1	1	—	—
NO. 20	1	1-7	1-4	1-3	1-2	1	1
	2	1-6	1-3	1-2	1	1	—
	3	1-3	1-2	1	1	—	—
NO. 18	1	1-7	1-5	1-3	1-2	1	—
	2	1-4	1-2	1	1	—	—
NO. 16	1	1-4	1-3	1-2	1	1*	—
NO. 14	1	1-2	1	1	—	—	—

*Partially closing hand tools to "oval" splice permits use of solid wires in these combinations.

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping.

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE ECN
SOL. OR STR. WIRE COMB. CHART
Catalog No.35653
Circular Mil Range 3,248—13,100

408-1021

CU

Use "18-10 ECV— ECN or 16-10 C" Tooling

Strip Length—10.72 mm [.422 in.] Min.—11.51 mm [.453 in.] Max.

424 C LISTED

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-10 SOL. OR STR.
300 Volt Max. 105°C Max.

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14	NO. 12	NO. 10
NO. 22	1	4-16	3-9	2-7	1-4	1-2	1	1
	2	3-15	2-8	1-6	1-4	1-2	1	1
	3	2-14	1-6	1-5	1-3	1-2	1	1
	4	1-13	1-5	1-4	1-3	1-2	1	1
	5	1-12	1-4	1-3	1-3	1-2	1	1
	6	1-11	1-4	1-3	1-2	1-2	1	1
	7	1-10	1-3	1-3	1-2	1-2	1	1
	8	1-9	1-3	1-3	1-2	1	1	—
	9	1-8	1-3	1-2	1	1	1	—
	10	1-7	1-2	1-2	1	1	—	—
	11	1-6	1-2	1-2	1	1	—	—
	12	1-5	1-2	1-2	1	1	—	—
	13	1-4	1-2	1-2	1	—	—	—
	14	1-3	1	1	1	—	—	—
	15	1-2	1	1	1	—	—	—
	16	1	1	1	—	—	—	—
NO. 20	1	3-16	3-7	2-4	1-4	1-2	1	1
	2	2-13	2-6	1-4	1-3	1-2	1	1
	3	1-9	1-5	1-4	1-2	1-2	1	—
	4	1-6	1-4	1-2	1-2	1	1	—
	5	1-4	1-3	1-2	1-2	1	1	—
	6	1-3	1-2	1	1	1	1	—
	7	1-2	1	1	1	—	—	—
NO. 18	1	2-16	2-7	1-6	1-4	1-2	1	1
	2	1-9	1-4	1-5	1-2	1-2	1	1
	3	1-8	1-4	1-4	1-2	1-2	1	—
	4	1-4	1-2	1-3	1	1	1	—
	5	1-3	1	1-2	1	1	—	—
	6	1-2	1	1	1	—	—	—
NO. 16	1	1-15	1-6	1-5	1-4	1-2	1	—
	2	1-8	1-3	1-3	1-3	1	1	—
	3	1-5	1-3	1-2	1-2	1	—	—
	4	1-2	1-2	1	1	—	—	—
NO. 14	1	1-12	1-5	1-5	1-3	1-2*	1	—
	2	1-7	1-3	1-3	1	1*	—	—
NO. 12	1	1-9	1-6	1-4	1-2	1	1*	—
NO. 10	1	1-6	1-2	1	1	—	—	—

*Partially closing hand tools to "oval" splice permits use of solid wires in these combinations.

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping. Minimum loading is five No. 22 wires.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Nylon Wire Combination Charts - For Splices on Page 3 (Continued)

Specific Product Name_12 Ref. Com. Bold (Continued)_9pt Helvetica Lt Condensed

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— STRANDED WIRE COMB. CHART

Catalog No.54316-1
Circular Mil Range 3,248 — 11,400

Use "18-10 EC" Tooling

Strip Length—10.72 mm [.422 in.] Min.— 11.51 mm [.453 in.] Max.

408-2907

CU

424 C LISTED

ULLISTED WIRE COMBINATIONS
WIRE SIZE 22-12 STR.
300 Volt Max. 150°C Max.

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE					
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14	NO. 12
NO. 22	1	4-13	3-9	2-6	1-4	1-2	1
	2	3-12	2-8	2-5	1-3	1-2	1
	3	2-11	1-7	1-5	1-3	1-2	1
	4	1-10	1-6	1-4	1-3	1-2	1
	5	1-9	1-6	1-4	1-3	1	1
	6	1-8	1-5	1-4	1-2	1	1
	7	1-7	1-5	1-3	1-2	1	1
	8	1-6	1-4	1-2	1-2	1	—
	9	1-5	1-3	1-2	1	1	—
	10	1-4	1-3	1-2	1	1	—
	11	1-3	1-2	1	—	—	—
NO. 20	1	4-11	3-9	2-6	1-4	1-2	1
	2	2-9	2-8	1-5	1-3	1-2	1
	3	1-8	1-7	1-4	1-2	1-2	1
	4	1-7	1-6	1-4	1-2	1	1
NO. 18	1	3-10	2-8	1-6	1-3	1-2	1
	2	1-9	1-7	1-5	1-3	1	1
	3	1-8	1-5	1-4	1-2	1	1
	4	1-7	1-4	1-3	1	1	—
NO. 16	1	1-9	1-7	1-5	1-3	1-2	1
	2	1-6	1-5	1-3	1-2	1	—
	3	1-5	1-3	1-2	1	—	—
NO. 14	1	1-10	1-7	1-4	1-2	1	1
	2	1-4	1-3	1	1	—	—
NO. 12	1	1-6	1-4	1-3	1	1	—

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping. Minimum loading is five No. 22 wires.

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE WIRE CONNECTORS— TYPE ECN SOL. OR STR. WIRE COMB. CHART

Catalog No.55927-1
Circular Mil Range 509 — 5,180

Use "18-10 ECV— ECN or 22-14 ECN" Tooling

Strip Length— 8.33 mm [.328 in.] Min.— 9.13 mm [.359 in.] Max.

408-8806

CU

424 C LISTED

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-10 SOL. OR STR.
300 Volt Max. 150°C Max.

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE				
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14
NO. 22	1	1-5	1-3	1-2	1	1
	2	1-4	1-3	1-2	1	—
	3	1-3	1-2	1	1	—
	4	1-2	1	1	—	—
	5	1	1	1	—	—
NO. 20	1	1-5	1-3	1-2	1	1
	2	1-4	1-2	1	1	—
	3	1-3	1	1	—	—
NO. 18	1	1-4	1-3	1-2	1	—
	2	1-2	1	1	—	—
NO. 16	1	1-3	1-2	1	1*	—
NO. 14	1	1	1	—	—	—

NOTE: Two No.18 solid wires must be twisted.

AMP

AMPAPPROVED WIRE COMBINATIONS
WIRE SIZE 24-14 SOL. OR STR.

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE					
		NO. 24	NO. 22	NO. 20	NO. 18	NO. 16	NO. 14
NO. 24	1	1-10	1-6	1-4	1-2	1	1
	2	1-9	1-5	1-4	1-2	1	1
	3	1-8	1-5	1-3	1-2	1	—
	4	1-7	1-4	1-3	1-2	1	—
	5	1-6	1-4	1-2	1	1	—
	6	1-5	1-3	1-2	1	—	—
	7	1-4	1-2	1	1	—	—
NO. 22	1	1-9	1-5	1-3	1-2	1	1
	2	1-6	1-4	1-3	1-2	1	—
	3	1-5	1-3	1-2	1	1	—
	4	1-4	1-2	1	1	—	—
	5	1-3	1	1	1	—	—
NO. 20	1	1-7	1-4	1-3	1-2	1	1
	2	1-6	1-3	1-2	1	1	—
	3	1-3	1-2	1	1	—	—
NO. 18	1	1-7	1-5	1-3	1-2	1	—
	2	1-4	1-2	1	1	—	—
NO. 16	1	1-4	1-3	1-2	1	1*	—
NO. 14	1	1-2	1	1	—	—	—

*Partially closing hand tools to "oval" splice permits use of solid wires in these combinations.

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967

Nylon Wire Combination Charts, For Splices on Page 3 (Continued)

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE
WIRE CONNECTORS— TYPE EC
SOL. OR STR. WIRE COMB. CHART

Catalog No.55929-1
Circular Mil Range 3,248 — 13,100

Use "18-10 EC" Tooling

Strip Length— 10.72 mm [.422 in.] Min.— 11.51 mm [.453 in.] Max.

408-8807

CU

424 C LISTED

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-16 STR.
600 Volt Max.Building Wiring
1000 Volt Max.Fixture & Signs
150°C [302°F] Max.

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE			
		NO. 22	NO. 20	NO. 18	NO. 16
NO. 22	1	4-12	3-11	2-7	1-4
	2	3-11	2-10	1-6	1-3
	3	2-10	1-9	1-6	1-3
	4	1-9	1-7	1-5	1-3
	5	1-8	1-6	1-5	1-3
	6	1-7	1-5	1-5	1-2
	7	1-6	1-5	1-4	1-2
	8	1-5	1-3	1-3	1-2
	9	1-4	1-3	1-3	1-2
	10	1-3	1-2	1-2	1
	11	1-2	—	—	—
	12	1	—	—	—
	13	—	—	—	—
NO. 20	1	3-11	3-10	2-7	1-4
	2	2-10	2-9	1-6	1-3
	3	1-9	1-8	1-6	1-3
	4	1-8	1-7	1-4	1-3
	5	1-6	1-6	1-4	1-2
	6	1-3	1-5	1-3	1-2
	7	1-2	1-4	1-3	1
NO. 18	1	3-12	2-9	1-7	1-3
	2	1-10	1-7	1-6	1-3
	3	1-9	1-6	1-5	1-2
NO. 16	1	1-11	1-8	1-6	1-3
	2	1-9	1-5	1-3	1-2

INSTRUCTIONS: Use as shown for OEM applications; otherwise, *for all field applications,* twist wires together before crimping. Minimum loading is five No. 22 wires.

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

CLOSED END SPLICE PRESSURE TYPE
SOL. OR STR. WIRE COMB. CHART

Catalog No.55929-1
Circular Mil Range 3,248 — 13,100

Use "18-10 EC" Tooling

Strip Length— 10.72 mm [.422 in.] Min.— 11.51 mm [.453 in.] Max.

408-8807

CU

424 C LISTED

ULLISTED AND CSACERTIFIED WIRE COMBINATIONS
WIRE SIZE 22-10 STR.
300 Volt Max.
150°C [302°F] Max.

LR 7189 CERTIFIED

WIRE SIZE	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		NO. 22	NO. 20	NO. 18	NO. 16	NO. 14	NO. 12	NO. 10
NO. 22	1	4-14	3-8	2-7	1-4	1-2	1	1
	2	3-13	2-7	1-6	1-3	1-2	1	1
	3	2-12	1-6	1-5	1-3	1-2	1	1
	4	1-11	1-5	1-4	1-3	1-2	1	1
	5	1-10	1-5	1-4	1-3	1-2	1	—
	6	1-9	1-5	1-4	1-2	1-2	1	—
	7	1-8	1-4	1-3	1-2	1	1	—
	8	1-7	1-4	1-3	1-2	1	1	—
	9	1-6	1-3	1-2	1-2	1	1	—
	10	1-5	1-3	1-2	1	1	—	—
	11	1-4	1-2	1-2	1	1	—	—
	12	1-3	1-2	1-2	1	1	—	—
	13	1-2	1	1	—	—	—	—
	14	1	1	1	—	—	—	—
	15	—	1	—	—	—	—	—
NO. 20	1	3-11	2-7	2-6	1-4	1-2	1	1
	2	2-10	1-6	1-4	1-3	1-2	1	—
	3	1-9	1-5	1-4	1-3	1-2	1	—
	4	1-8	1-4	1-3	1-3	1-2	1	—
	5	1-6	1-3	1-3	1-2	1	1	—
	6	1-3	1-2	1-2	1	1	1	—
	7	1-2	1	1	1	—	—	—
NO. 18	1	2-12	2-7	1-6	1-3	1-2	1	1
	2	1-10	1-6	1-5	1-3	1-2	1	—
	3	1-8	1-5	1-4	1-3	1-2	1	—
	4	1-6	1-3	1-3	1-2	1	1	—
	5	1-3	1	1-2	1	1	—	—
	6	1-2	1	1	1	—	—	—
NO. 16	1	1-11	1-9	1-6	1-4	1-2	1	1*
	2	1-8	1-6	1-4	1-3	1	1	—
	3	1-6	1-4	1-3	1-2	1	—	—
	4	1-3	1	1	1	—	—	—
NO. 14	1	1-10	1-7	1-5	1-3	1-2	1	—
	2	1-6	1-3	1-3	1	1	—	—
NO. 12	1	1-9	1-6	1-4	1-2	1	1*	—
NO. 10	1	1-3	1-2	1	1	—	—	—

*Partially closing hand tools to "oval" splice permits use of solid wires in these combinations.

Catalog 65472
Revised 04-04

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK:44-141-810-8967