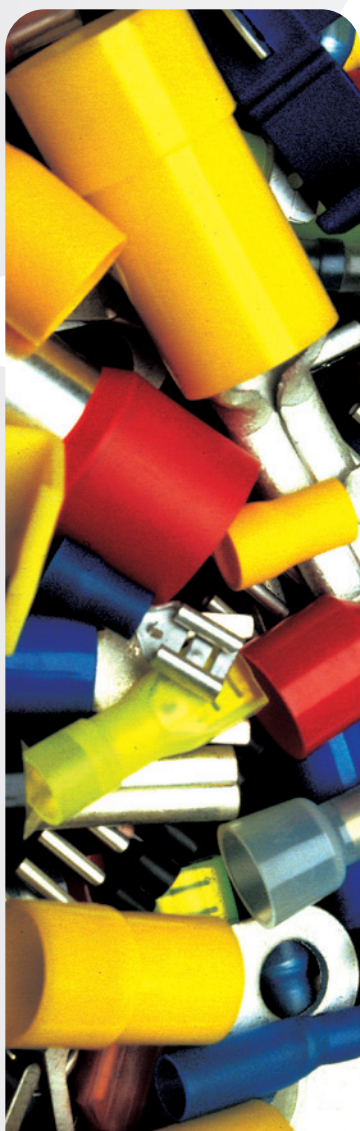




# XB COMPONENTS

Terminales aislados





XB COMPONENTS



Fecha de Emisión Actual: 6 Noviembre 2021  
Fecha de Caducidad: 5 Noviembre 2024  
Número de Certificación: 0336566

Aprobaciones Originales:  
ISO 9001 - 6 Noviembre 2006

## Certificado de Aprobación

Certificamos que el Sistema de Gestión de:

**X.B. Components, S.A.**

C/ Holanda, 37-39, Pol. Ind. Montigala, 08917 Badalona, Barcelona, España

ha sido aprobado por Lloyd's Register de acuerdo con las siguientes normas:

**ISO 9001:2015**

Números de Aprobación: ISO 9001 - 0036566-001

Este certificado forma parte de la aprobación identificada con el número de aprobación: 0036566

El alcance de esta aprobación es aplicable a:

Almacenamiento y comercialización de material eléctrico de conexión, fijación y aislamiento para el sector industrial y automoción.

Daniel Oliva Marçilio de Souza

Area Operations Manager - South Europe

Emitted por: Lloyd's Register Quality Assurance España, S.L.U.

en nombre de: Lloyd's Register Quality Assurance Limited



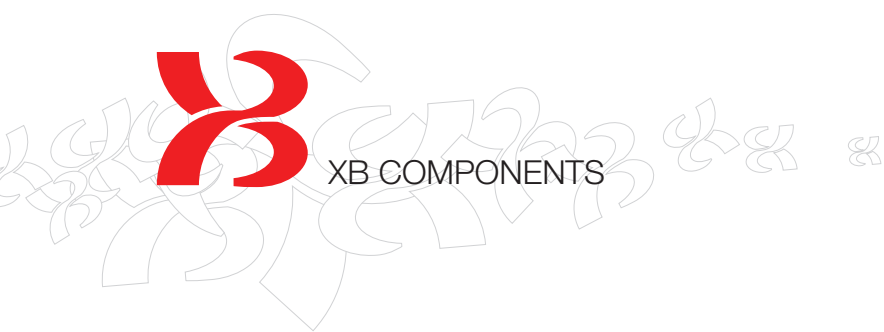
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## 1.0 TB

Terminales en banda

7



## 1.1 EF

Entrada fácil sin casquillo

14



## 1.2 EFCC

Entrada fácil con casquillo metálico

30



## 1.3 PVC

Sin casquillo

36



## 1.4 PVCC

Con casquillo metálico

46



## 1.5 SB

Aislante termorretráctil sin casquillo

54



## 1.6 SBC

Aislante termorretráctil con casquillo

58



## 1.7 TE/PD

Punteras aisladas

63



## 1.8 Miscelánea

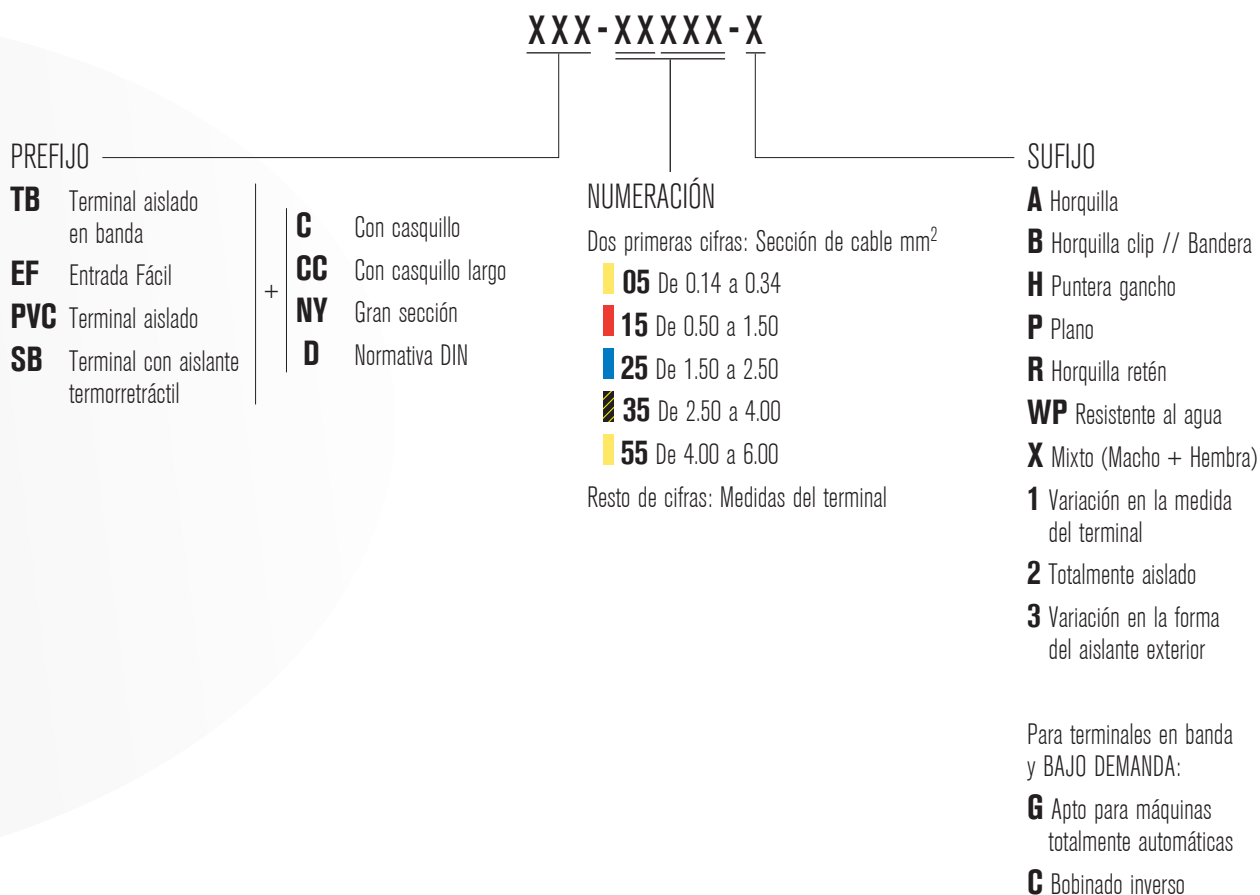
68



## 1.9 Estuches y envasados especiales

78





## Tabla de equivalencias

Medidas en mm<sup>2</sup>

AWG	Sección nominal	Sección real	AWG	Sección nominal	Sección real	AWG	Sección nominal	Sección real
30	0.05	0.05	17	1.00	1.04	2	35.00	33.62
28	0.10	0.08	16	1.50	1.31	1	50.00	42.41
26	0.14	0.13	14	2.50	2.08	2/0	70.00	67.43
24	0.25	0.25	12	4.00	3.31	3/0	95.00	85.01
22	0.34	0.34	10	6.00	5.26	4/0	120.00	107.22
21	0.38	0.41	8	10.00	8.37	250MCM	150.00	126.68
20	0.50	0.52	6	16.00	13.30			
18	0.75	0.82	4	25.00	21.15			







# Terminales en banda



**Art. NCM-100**

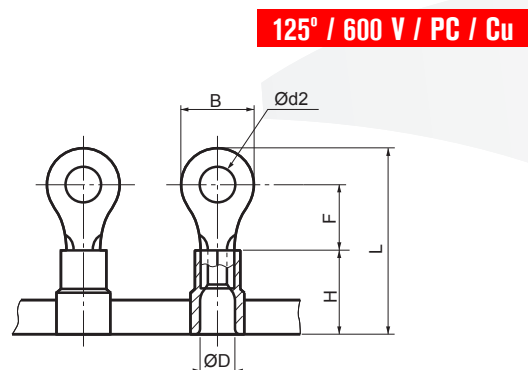
Tipo de terminal	Ref. XB	Aplicador
Redondo	TB-15xxx	NC-11A / NC-11A2
	TB-25xxx	NC-12A
	TB-55xxx	NC-13A
Horquilla y horquilla clip	TB-15xxxA	NC-11A / NC-11A2
	TB-25xxxA	NC-12A
	TB-55xxxA	NC-13A
	TB-15043B	NC-11A / NC-11A2
	TB-25043B	NC-12A
	TB-55043B	NC-13A
Puntera y puntera plana	TB-15019	NC-11A / NC-11A2
	TB-25019	NC-12A
	TB-55027	NC-13A
	TB-15011P	NC-11A / NC-11A2
	TB-25013P	NC-12A
	TB-55013P	NC-13A
Macho	TBC-15635	NC-11A
	TBC-25480	NC-12A
	TBC-25635	NC-12A

Tipo de terminal	Ref. XB	Aplicador
Hembra	TBC-15028	NC-11A2
	TBC-15028-1	NC-11A2
	TBC-15048	NC-11A / NC-11A2
	TBC-15048-1	NC-11A / NC-11A2
	TBC-15063	NC-11A
	TBC-25048	NC-12A
	TBC-25048-1	NC-12A
	TBC-25063	NC-12A
	TBC-55063	NC-13A
Hembra totalmente aislada	TBC-15028-2	NC-11JN
	TBC-15028-1-2	NC-11JN
	TBC-15048-2	NC-11EN
	TBC-15048-1-2	NC-11EN
	TBC-15063-2	NC-11FN
	TBC-25048-2	NC-12EN
	TBC-25048-1-2	NC-12EN
	TBC-25063-2	NC-12FN
Empalme punta a punta	TB-15017	NC-11H
	TB-25023	NC-12H
	TB-55034	NC-13H
Empalme ciego	TB-NCE-1	NC-14A
	TB-NCE-2	NC-15A
	TB-NCE-5	NC-16A



# Terminales en banda

Redondos - Entrada fácil sin casquillo



125° / 600 V / PC / Cu

Medidas en mm.

Art.	mm <sup>2</sup> /AWG	Ød2	B	L	F	H	ØD	
■ TB-15032	0.50-1.50 / 20-16	3.2	5.7	17.4	4.6	10.0	4.1	1500
■ TB-15037		3.7	5.6	20.4	7.6			
■ TB-15037-1		3.7	8.0	21.1	7.1			
■ TB-15043		4.3	6.8	19.4	6.0			
■ TB-15043-1		4.3	8.0	21.1	7.1			
■ TB-15053		5.3	8.0	21.1	7.1			
■ TB-15064		6.4	12.0	25.7	9.7			
■ TB-15084		8.4	12.0	25.7	9.7			
■ TB-25032	1.50-2.50 / 16-14	3.2	6.5	18.2	5.0	10.0	4.5	1500
■ TB-25037		3.7	6.6	19.9	6.6			
■ TB-25037-1		3.7	8.0	21.5	7.5			
■ TB-25043		4.3	6.6	9.9	6.6			
■ TB-25043-1		4.3	8.5	22.0	7.8			
■ TB-25053		5.3	8.0	21.5	7.5			
■ TB-25053-1		5.3	9.5	22.5	7.8			
■ TB-25064		6.4	12.0	27.0	11.0			
■ TB-25084		8.4	12.0	27.0	11.0			
■ TB-55032	4.00-6.00 / 12-10	3.2	9.0	25.7	7.2	14.0	6.8	1000
■ TB-55037		3.7	9.5	27.0	8.3			
■ TB-55043		4.3	7.0	24.7	7.2			
■ TB-55043-1		4.3	9.5	27.0	8.3			
■ TB-55053		5.3	9.5	27.0	8.3			
■ TB-55064		6.4	12.0	30.5	10.5			
■ TB-55084		8.4	15.0	5.5	14.0			



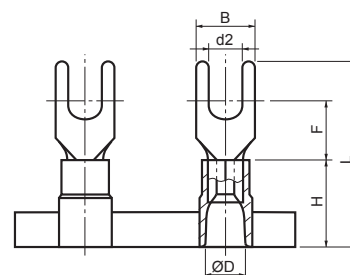


# Terminales en banda

Entrada fácil sin casquillo - Horquillas



125° / 600 V / PC / Cu



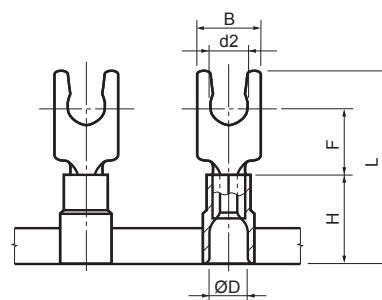
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	Ød2	B	L	F	H	ØD	
<b>TB-15032-A</b>	0.50-1.50 / 20-16	3.2	5.8	50.5	5.8	10.0	4.1	1500
<b>TB-15037-A</b>		3.7	5.8	20.5	5.8			
<b>TB-15037-1A</b>		3.7	6.2	21.5	6.8			
<b>TB-15043-A</b>		4.3	6.4	21.9	6.6			
<b>TB-15043-1A</b>		4.3	7.0	21.9	7.6			
<b>TB-15053-A</b>		5.3	9.6	23.0	8.3			
<b>TB-15064-A</b>		6.4	11.0	24.5	8.6			
<b>TB-25032-A</b>	1.50-2.50 / 16-14	3.2	5.9	21.3	6.6	10.0	4.5	1500
<b>TB-25037-A</b>		3.7	5.8	21.3	6.6			
<b>TB-25037-1A</b>		3.7	6.4	21.3	6.6			
<b>TB-25043-A</b>		4.3	6.4	21.5	6.6			
<b>TB-25043-1A</b>		4.3	7.0	21.5	7.0			
<b>TB-25053-A</b>		5.3	8.0	21.5	7.1			
<b>TB-25064-A</b>		6.4	12.0	24.5	8.6			
<b>TB-25084-A</b>		8.4	14.0	27.5	11.5			
<b>TB-55043-A</b>	4.00-6.00 / 12-10	4.3	8.4	25.7	7.2	14.0	6.8	1000
<b>TB-55053-A</b>		5.2	9.0	25.7	7.2			
<b>TB-55064-A</b>		6.4	12.5	32.7	12.0			

Entrada fácil sin casquillo - Horquillas clip



125° / 600 V / PC / Cu



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	Ød2	B	L	F	H	ØD	
<b>TB-15043-B</b>	0.50-1.50 / 20-16	4.3	7.1	21.5	7.6	10.0	4.1	1500
<b>TB-25043-B</b>	1.50-2.50 / 16-14	4.3	7.1	21.5	7.6	10.0	4.5	1500
<b>TB-55043-B</b>	4.00-6.00 / 12-10	4.3	7.9	25.7	7.6	14.0	6.8	1000

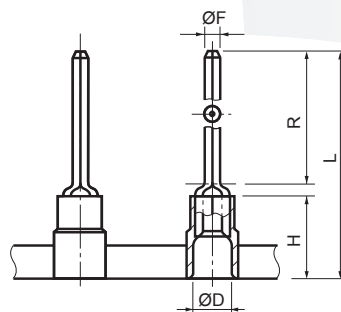


## Terminales en banda

### Punteras - Entrada fácil sin casquillo



125° / 600 V / PC / Cu



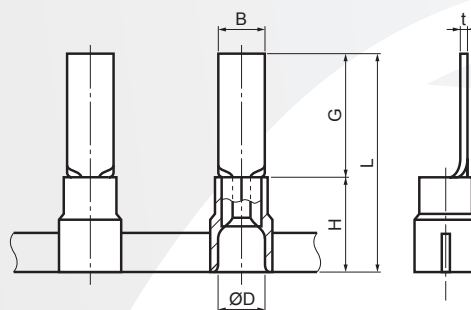
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	ØF	R	L	H	ØD	
<span style="color: red;">■</span> TB-15019	0.50-1.50 / 20-16	1.9	11.0	23.0	10.0	4.1	1500
<span style="color: blue;">■</span> TB-25019	1.50-2.50 / 16-14	1.9	11.0	23.0	10.0	4.5	1500
<span style="color: yellow;">■</span> TB-55027	4.00-6.00 / 12-10	2.7	11.0	28.5	14.0	6.8	1000

### Punteras planas - Entrada fácil sin casquillo



125° / 600 V / PC / Cu



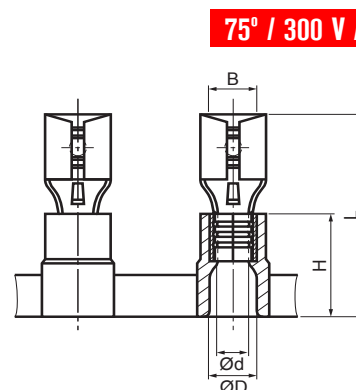
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	t	L	G	H	ØD	
<span style="color: red;">■</span> TB-15011-P	0.50-1.50 / 20-16	3.0	0.75	21.2	11.2	10.0	4.1	1500
<span style="color: blue;">■</span> TB-25013-P	1.50-2.50 / 16-14	4.6	0.85	23.0	13.0	10.0	4.5	1500
<span style="color: yellow;">■</span> TB-55013-P	4.00-6.00 / 12-10	4.5	0.95	27.0	13.0	14.0	6.8	1000














## Terminales en banda

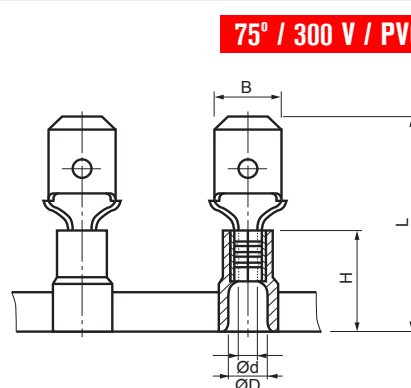
Entrada fácil con casquillo - Enchufables hembra







Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	L	Ød	ØD	H	
 TBC-15028	0.50-1.50 / 20-16	2.8 x 0.5	3.2	19.5	1.8	4.1	10.0	1500
 TBC-15028-1		2.8 x 0.8	3.2					
 TBC-15048		4.8 x 0.5	5.0					
 TBC-15048-1		4.8 x 0.8	5.0					
 TBC-15063		6.3 x 0.8	6.8	21.0	1.7	4.1	10.0	1500
 TBC-25048	1.50-2.50 / 16-14	4.8 x 0.5	5.0	19.5	2.4	4.5	10.0	1500
 TBC-25048-1		4.8 x 0.8	5.0					
 TBC-25063		6.3 x 0.8	6.8	21.0	2.3	4.5	10.0	1500
 TBC-55063	4.00-6.00 / 12-10	6.3 x 0.8	6.8	25.0	3.5	6.8	14.0	1000

Entrada fácil con casquillo - Enchufables macho



Medidas en mm.

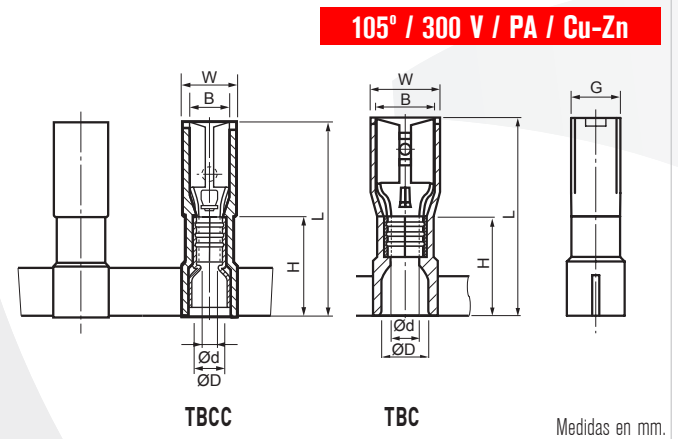
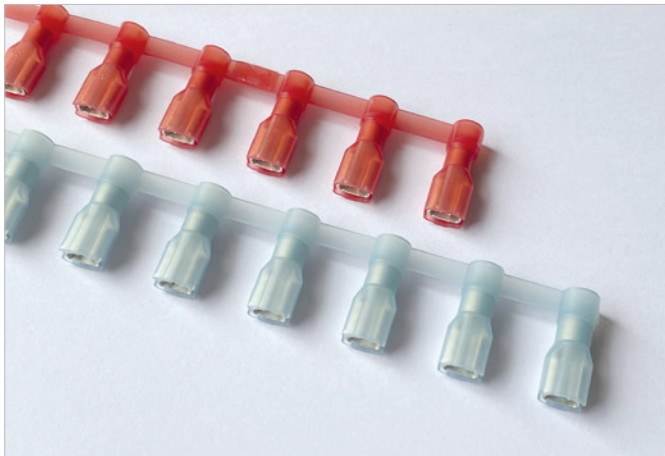
Art.	mm <sup>2</sup> /AWG	B	L	Ød	ØD	H	
 TBC-15635	0.50-1.50 / 20-16	6.3 x 0.8	21.0	1.8	4.1	40.0	1500
 TBC-25480	1.50-2.50 / 16-14	4.8 x 0.5	19.5	2.3	4.5	10.0	1500
 TBC-25635		6.3 x 0.8	21.0	2.5	4.5	10.0	1500















# Terminales en banda

Enchufables hembra totalmente aislados - Entrada fácil con casquillo



Art.	mm <sup>2</sup> /AWG		B	W	L	Ød	ØD	H	G	
 TBCC-15028-2	0.50-1.50 / 20-16	2.8 x 0.5	3.2	5.5	19.5	1.9	3.4	10.0	4.8	1500
 TBCC-15028-2-1		2.8 x 0.8	3.2							
 TBC-15048-2		4.8 x 0.5	5.0	7.2	19.5	1.8	4.1	9.8	4.85	1500
 TBC-15048-2-1		4.8 x 0.8	5.0							
 TBC-15063-2		6.3 x 0.8	6.8	8.9	21.0	1.8	4.1	9.7	5.5	1000
 TBC-25048-2	1.50-2.50 / 16-14	4.8 x 0.5	5.0	7.2	19.5	2.4	4.5	9.8	5.6	1500
 TBC-25048-2-1		4.8 x 0.8	5.0							
 TBC-25063-2		6.3 x 0.8	6.8	8.9	21.0	2.4	4.5	9.7	5.5	1000

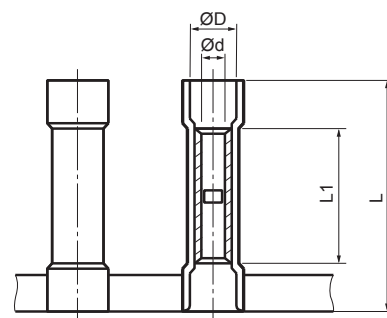


## Terminales en banda

Entrada fácil sin casquillo - Empalmes punta a punta



75° / 300 V / PVC / Cu



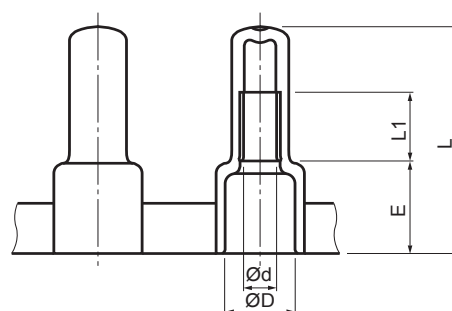
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	Ød	ØD	L1	L	
TB-15017	0.50-1.50 / 20-16	1.8	3.8	15.0	25.5	1500
TB-25023	1.50-2.50 / 16-14	2.3	4.5	15.0	25.5	1500
TB-55034	4.00-6.00 / 12-10	3.4	6.4	15.0	27.5	1000

Entrada fácil sin casquillo - Empalmes ciegos



105° / 300 V / PA / Cu



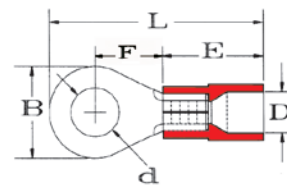
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	Ød	ØD	L	L1	E	
TB-NCE-1	0.50-1.50 / 20-16	2.4	6.7	21.0	6.2	8.8	1000
TB-NCE-2	1.50-2.50 / 16-14	3.1	7.8	22.0	6.9	9.6	1000
TB-NCE-5	4.00-6.00 / 12-10	3.9	9.3	28.0	7.2	10.8	600



# Entrada fácil sin casquillo

## Redondos



105° / 600 V / PA / Cu

Medidas en mm.


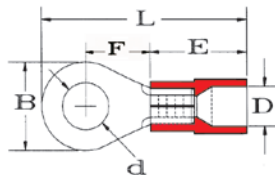

Art.	mm <sup>2</sup> /AWG	d	B	L	F	D	E	
EF-05022	0.14-0.34 / 26-22	2.2	5.0	16.5	6.0	2.3	8.0	100/1000
EF-05027		2.7	5.0	16.5	6.0			
EF-05032		3.2	5.0	16.5	6.0			
EF-05037		3.7	6.0	19.0	8.0			
EF-05043		4.3	6.5	19.3	8.0			
EF-05053		5.3	8.0	20.0	8.0			
EF-15032	0.50-1.50 / 20-16	3.2	5.5	17.5	4.3	4.1	10.5	100/1000
EF-15037		3.7	5.5	17.5	4.3			
EF-15037-1		3.7	6.6	20.4	6.6			
EF-15043		4.3	6.6	20.4	6.6			
EF-15043-1		4.3	8.0	21.8	7.3			
EF-15053		5.3	8.0	21.8	7.3			
EF-15064		6.4	11.6	27.5	11.2			
EF-15084		8.4	11.6	27.5	11.2			
EF-15105		10.5	13.7	31.5	14.2			
EF-15105-1		10.5	16.5	30.5	12.3			
EF-15130		13.0	19.6	36.4	16.0			
EF-25032	1.50-2.50 / 16-14	3.2	6.6	20.6	6.3	4.5	11.0	100/1000
EF-25032-1		3.2	8.5	23.0	7.8			
EF-25037		3.7	6.6	20.6	6.3			
EF-25037-1		3.7	8.5	23.0	7.8			
EF-25043		4.3	6.6	20.6	6.3			
EF-25043-1		4.3	8.5	23.0	7.8			
EF-25053		5.3	8.5	23.0	7.8			
EF-25053-1		5.3	9.5	22.9	7.3			
EF-25064		6.4	12.0	28.0	11.0			
EF-25084		8.4	12.0	28.0	11.0			
EF-25105		10.5	13.6	31.7	13.9			
EF-25130		13.0	19.2	36.4	16.0			
EF-55032	4.00-6.00 / 12-10	3.2	9.5	26.7	8.0	6.6	14.0	50/500
EF-55037		3.7	9.5	26.7	8.0			
EF-55043		4.3	7.4	26.7	8.0			
EF-55043-1		4.3	9.5	26.7	8.0			
EF-55053		5.3	9.5	26.7	8.0			
EF-55053-1		5.3	7.4	26.7	25.1			
EF-55064		6.4	12.0	32.7	12.7			
EF-55084		8.4	15.0	34.9	13.4			
EF-55105		10.5	15.0	34.9	13.4			
EF-55130		13.0	19.2	39.6	16.0			





# Entrada fácil sin casquillo

Redondos

								105° / 600 V / PA / Cu
								Medidas en mm.
Art.	mm <sup>2</sup> /AWG	d	B	L	F	D	E	
EFNY-10-4	10.00 / 8	4.3	12.0	31.3	9.3	8.0	16.0	50/500
EFNY-10-5		5.3	8.8	31.3	10.9			
EFNY-10-5-1		5.3	12.0	31.3	9.3			
EFNY-10-5-2		5.3	15.0	37.3	13.8			
EFNY-10-6		6.4	12.0	31.3	9.3			
EFNY-10-6-1		6.4	15.0	37.3	13.8			
EFNY-10-8		8.4	15.0	37.3	13.8			
EFNY-10-10		10.5	15.0	37.3	13.8			
EFNY-16-4	16.00 / 6	4.3	12.0	40.8	13.3	11.0	21.5	50/500
EFNY-16-5		5.3	12.0	40.8	13.3			
EFNY-16-6		6.4	12.0	40.8	13.3			
EFNY-16-6-1		6.4	16.0	43.5	14.2			
EFNY-16-8		8.4	16.0	43.5	14.2			
EFNY-16-10		10.5	16.0	43.5	14.2			
EFNY-16-12		13.0	22.0	52.0	19.8			
EFNY-25-5	25.00 / 4	5.3	12.2	45.2	15.1	13.0	24.0	50/100
EFNY-25-5-1		5.3	16.5	45.5	13.5			
EFNY-25-6		6.4	12.2	45.0	15.1			
EFNY-25-6-1		6.4	16.5	45.5	13.5			
EFNY-25-8		8.4	16.5	45.5	13.5			
EFNY-25-10		10.5	16.5	45.5	13.5			
EFNY-25-11		11.5	22.0	54.5	19.7			
EFNY-25-12		13.0	22.0	54.5	19.7			
EFNY-35-5	35.00 / 2	5.3	15.3	52.0	17.4	14.5	27.0	50/100
EFNY-35-6		6.4	15.3	52.0	17.4			
EFNY-35-8		8.4	15.3	52.0	17.4			
EFNY-35-8-1		8.4	22.0	55.7	17.7			
EFNY-35-10		10.5	15.3	52.0	17.4			
EFNY-35-10-1		10.5	22.0	55.7	17.7			
EFNY-35-11		11.5	22.0	55.7	17.7			
EFNY-35-12		13.0	22.0	55.7	17.7			



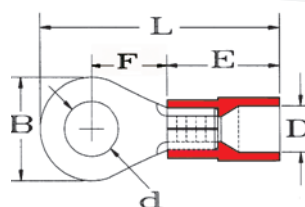
# Entrada fácil sin casquillo

## Redondos



105° / 600 V / PA / Cu

DIN 46237



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	F	D	E	
<span style="color: red;">■</span> EFD-15027	0.50-1.50 / 20-16	2.7	6.0	16.0	5.5	4.1	10.5	100/1000
<span style="color: red;">■</span> EFD-15032		3.2	6.0	16.0	5.5			
<span style="color: red;">■</span> EFD-15037		3.7	6.0	16.0	5.5			
<span style="color: red;">■</span> EFD-15043		4.3	8.0	17.0	6.5			
<span style="color: red;">■</span> EFD-15053		5.3	10.0	18.0	7.5			
<span style="color: red;">■</span> EFD-15064		6.4	11.0	20.0	9.5			
<span style="color: red;">■</span> EFD-15084		8.4	14.0	22.5	12.0			
<span style="color: red;">■</span> EFD-15105		10.5	18.0	24.5	14.0			
<span style="color: blue;">■</span> EFD-25032	1.50-2.50 / 16-14	3.2	6.0	17.0	6.0	4.5	11.0	100/1000
<span style="color: blue;">■</span> EFD-25037		3.7	6.0	17.0	6.0			
<span style="color: blue;">■</span> EFD-25043		4.3	8.0	18.0	7.0			
<span style="color: blue;">■</span> EFD-25053		5.3	10.0	20.0	9.0			
<span style="color: blue;">■</span> EFD-25064		6.4	11.0	22.0	11.0			
<span style="color: blue;">■</span> EFD-25084		8.4	14.0	23.0	12.0			
<span style="color: blue;">■</span> EFD-25105		10.5	18.0	25.0	14.0			
<span style="color: yellow;">■</span> EFD-55043	4.00-6.00 / 12-10	4.3	8.0	20.0	6.0	6.6	14.0	50/500
<span style="color: yellow;">■</span> EFD-55053		5.3	10.0	21.0	7.0			
<span style="color: yellow;">■</span> EFD-55064		6.4	11.0	22.0	8.0			
<span style="color: yellow;">■</span> EFD-55084		8.4	14.0	25.0	11.0			
<span style="color: yellow;">■</span> EFD-55105		10.5	18.0	27.0	13.0			
<span style="color: yellow;">■</span> EFD-55130		13.0	19.0	32.0	18.0			



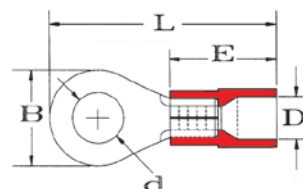
## Entrada fácil sin casquillo

Redondos



105° / 600 V / PA / Cu

DIN 46237



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	D	E	
■ EFNYD-10-5	10.00 / 8	5.3	10.0	29.5	8.0	16.5	50/500
■ EFNYD-10-6		6.5	11.0	31.0			
■ EFNYD-10-8		8.4	14.0	35.5			
■ EFNYD-10-10		10.5	18.0	38.5			
■ EFNYD-10-12		13.0	22.0	42.5			
■ EFNYD-16-5	16.00 / 6	5.3	11.0	37.0	11.0	21.5	50/250
■ EFNYD-16-6		6.5	11.0	37.0			
■ EFNYD-16-8		8.4	14.0	40.5			
■ EFNYD-16-10		10.5	18.0	44.5			
■ EFNYD-16-12		13.0	22.0	48.5			
■ EFNYD-25-5	25.00 / 4	5.3	12.0	44.0	13.0	24.0	50/100
■ EFNYD-25-6		6.5	12.0	44.0			
■ EFNYD-25-8		8.4	16.0	46.0			
■ EFNYD-25-10		10.5	18.0	48.0			
■ EFNYD-25-12		13.0	22.0	55.0			
■ EFNYD-25-16		17.0	28.0	62.0			
■ EFNYD-35-6	35.00 / 2	6.5	15.0	48.5	14.5	27.0	50
■ EFNYD-35-8		8.4	16.0	49.0			
■ EFNYD-35-10		10.5	18.0	51.0			
■ EFNYD-35-12		13.0	22.0	57.0			
■ EFNYD-35-16		17.0	28.0	65.0			
■ EFNYD-50-6	50.00 / 1	6.5	18.0	56.5	16.5	29.5	50
■ EFNYD-50-8		8.4	18.0	56.5			
■ EFNYD-50-10		10.5	18.0	56.5			
■ EFNYD-50-12		13.0	22.0	60.5			
■ EFNYD-50-16		17.0	28.0	67.5			
■ EFNYD-70-6	70.00 / 2/0	6.5	22.0	62.0	18.7	31.5	25
■ EFNYD-70-8		8.4	22.0	62.0			
■ EFNYD-70-10		10.5	22.0	62.0			
■ EFNYD-70-12		13.0	22.0	62.0			
■ EFNYD-70-16		17.0	28.0	69.0			



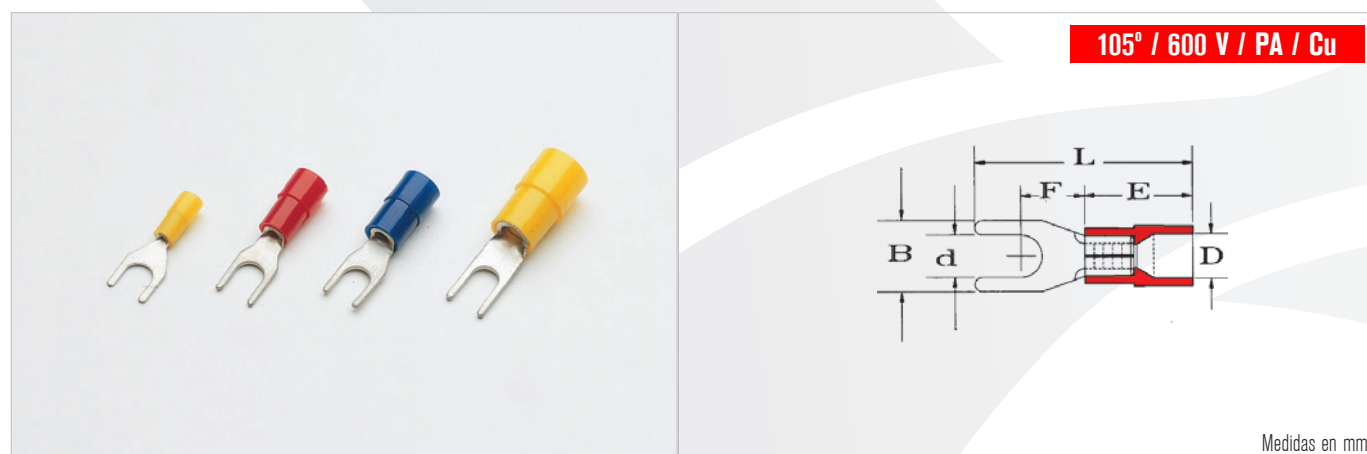
# Entrada fácil sin casquillo

## Redondos

Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	D	E	
EFNYD-95-8	95.00 / 3/0	8.4	24.0	69.5	21.7	35.5	25
EFNYD-95-10		10.5	24.0	69.5			
EFNYD-95-12		13.0	24.0	69.5			
EFNYD-95-16		17.0	28.0	73.5			
EFNYD-120-8	120.00 / 4/0	8.4	24.0	74.0	24.2	40.0	25
EFNYD-120-10		10.5	24.0	74.0			
EFNYD-120-12		13.0	24.0	74.0			
EFNYD-120-16		17.0	28.0	80.0			
EFNYD-150-10	150.00 / 250MCM	10.5	30.0	85.0	27.2	44.0	25
EFNYD-150-12		13.0	30.0	85.0			
EFNYD-150-16		17.0	30.0	85.0			

## Horquillas



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	F	D	E	
EF-05022-A	0.14-0.34 / 26-22	2.2	5.0	14.5	4.0	2.3	8.0	100/1000
EF-05032-A		3.2	5.0	14.5	4.0			
EF-05037-A		3.7	6.0	18.0	7.0			
EF-05043-A		4.3	6.5	18.3	7.0			
EF-05053-A		5.3	8.0	19.0	7.0			
EF-15032-A	0.50-1.50 / 20-16	3.2	5.7	22.0	7.2	4.1	10.5	100/1000
EF-15037-A		3.7	5.7	22.0	7.2			
EF-15037-1A		3.7	6.2	22.0	7.2			
EF-15043-A		4.3	6.4	22.0	7.2			
EF-15043-1A		4.3	7.2	22.0	7.2			
EF-15053-A		5.3	8.0	22.0	6.5			
EF-15064-A		6.4	10.7	23.0	8.0			
EF-15064-1A		6.4	9.3	23.0	13.7			
EF-15084-A		8.4	13.5	28.0	20.5			
EF-15105-A		10.5	15.0	28.5	21.0			






## Entrada fácil sin casquillo

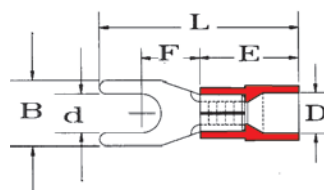
## Horquillas

Medidas en mm.


Art.	mm <sup>2</sup> /AWG	d	B	L	F	D	E	
■ EF-25032-A	1.50-2.50 / 16-14	3.2	5.7	22.5	8.5	4.5	11.0	100/1000
■ EF-25037-A		3.7	5.7	22.5	6.5			
■ EF-25037-1A		3.7	6.2	22.5	6.5			
■ EF-25043-A		4.3	6.4	22.5	6.5			
■ EF-25043-1A		4.3	7.2	22.5	6.5			
■ EF-25053-A		5.3	8.0	22.5	6.5			
■ EF-25064-A		6.4	10.8	23.5	7.6			
■ EF-25064-1A		6.4	9.3	23.0	13.7			
■ EF-25084-A		8.4	13.5	28.5	21.0			
■ EF-25105-A		10.5	15.0	30.5	13.9			
■ EF-55032-A	4.00-6.00 / 12-10	3.2	7.3	26.7	7.1	6.6	14.0	50/500
■ EF-55037-A		3.7	6.3	26.7	7.1			
■ EF-55037-1A		3.7	8.1	26.7	7.1			
■ EF-55043-A		4.3	6.3	26.7	7.4			
■ EF-55043-1A		4.3	8.2	26.7	7.5			
■ EF-55053-A		5.3	9.0	26.7	8.0			
■ EF-55064-A		6.4	12.0	30.3	9.9			
■ EF-55064-1A		6.4	9.0	30.7	26.2			
■ EF-55084-A		8.4	13.5	32.6	25.4			
■ EF-55105-A		10.5	15.0	40.0	13.4			



105° / 600 V / PA / Cu



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	F	D	E	
■ EFNY-10-5-A	10.00 / 8	5.3	10.5	28.3	8.1	8.0	16.0	50/500
■ EFNY-10-6-A		6.4	10.8	30.0	8.6			
■ EFNY-16-6-A	16.00 / 6	6.4	11.0	36.5	10.7	11.0	21.5	50/200
■ EFNY-16-8-A		8.4	13.8	39.5	10.7			

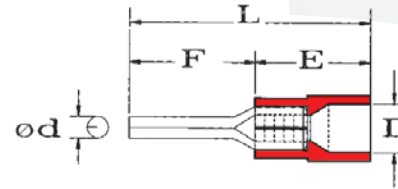


# Entrada fácil sin casquillo

## Punteras



105° / 600 V / PA / Cu



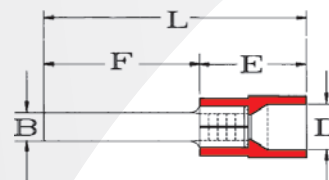
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	Ø d	F	L	D	E	
EF-05010	0.14-0.34 / 26-22	1.4	10.0	18.0	2.2	8.0	100/1000
EF-15019	0.50-1.50 / 20-16	2.0	12.0	22.5	4.1	10.5	100/1000
EF-15019-1			9.0	19.5			
EF-25019	1.50-2.50 / 16-14	2.0	12.0	23.0	4.5	11.0	100/1000
EF-25019-1			9.0	20.0			
EF-55027	4.00-6.00 / 12-10	2.7	13.5	27.5	6.6	14.0	50/500

## Punteras planas



105° / 600 V / PA / Cu



Medidas en mm.

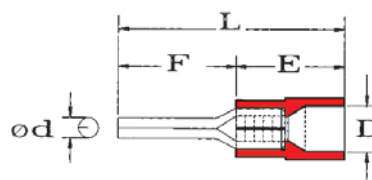
Art.	mm <sup>2</sup> /AWG	B	F	L	D	E	
EF-15009-P	0.50-1.50 / 20-16	2.7	9.0	19.5	4.1	10.5	100/1000
EF-15009-1P		2.3	9.0	19.5			
EF-15012-P		3.0	12.0	25.0			
EF-15014-P		3.0	14.5	25.0			
EF-15018-P		2.5	18.0	28.5			
EF-25009-P	1.50-2.50 / 16-14	2.8	9.0	20.0	4.5	11.0	100/1000
EF-25016-P		2.9	16.0	27.0			
EF-25018-P		2.5	18.0	29.0			
EF-55010-P	4.00-6.00 / 12-10	2.8	10.0	24.0	6.6	14.0	50/500
EF-55013-P		4.5	13.0	27.0			
EF-55018-P		4.5	18.0	31.0			
EF-55018-1P		3.0	18.0	31.6			



# Entrada fácil sin casquillo

Punteras planas

105° / 600 V / PA / Cu



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	F	L	D	E	
■ EFNY-10-12-P	10.00 / 8	4.3	12.0	34.0	7.8	20.0	100/200
■ EFNY-16-13-P	16.00 / 6	5.5	13.0	40.7	10.8	24.7	50/100
■ EFNY-25-15-P	25.00 / 4	6.8	15.0	44.0	12.4	24.0	50/100
■ EFNY-35-20-P	35.00 / 2	8.0	20.0	52.5	14.0	28.0	50/100
■ EFNY-50-20-P	50.00 / 1	9.5	20.0	59.0	15.5	33.0	25/50
■ EFNY-70-25-P	70.00 / 2/0	11.0	23.5	69.0	18.0	38.0	25
■ EFNY-95-25-P	95.00 / 3/0	12.5	23.5	71.0	20.7	40.0	25

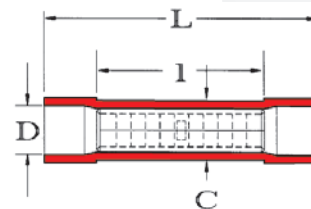


# Entrada fácil sin casquillo

## Empalmes punta a punta



105° / 600 V / PA / Cu

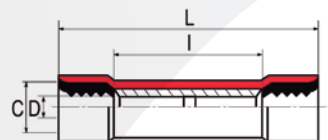


Medidas en mm.

Art.	mm <sup>2</sup> /AWG	D	L	C	I	
EF-05014	0.14-0.34 / 26-22	1.3	20.0	3.0	13.0	100/1000
EF-05014-1	0.14-0.34 / 26-22	2.0	12.0	3.0	5.0	100/1000
EF-15017	0.50-1.50 / 20-16	4.1	25.5	5.0	15.0	100/1000
EF-25023	1.50-2.50 / 16-14	4.5	25.5	5.7	15.0	100/1000
EF-55034	4.00-6.00 / 12-10	6.6	27.5	7.2	15.0	50/500



105° / 300 V / PA / Cu



Medidas en mm.

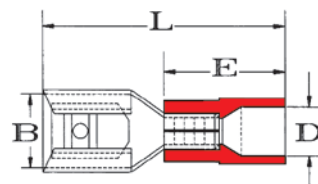
Art.	mm <sup>2</sup> /AWG	IP	D	L	C	I	
EF-15017-WP	0.50-1.50 / 20-16	57	4.1	25.5	5.0	15.0	100/1000
EF-25023-WP	1.50-2.50 / 16-14	57	4.5	25.5	5.7	15.0	100/1000





## Entrada fácil sin casquillo

Enchufables hembra

105° / 300 V / PA / Cu-Zn



Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	L	D	E	
■ EF-15028	0.50-1.50 / 20-16	2.8 x 0.5	3.2	18.5	4.1	10.5	100/1000
■ EF-15028-1		2.8 x 0.8	3.2	18.5			
■ EF-15048		4.8 x 0.5	5.0	19.5			
■ EF-15048-1		4.8 x 0.8	5.0	19.5			
■ EF-15052		5.2 x 0.5	5.6	20.0			
■ EF-15063		6.3 x 0.8	6.8	21.5			
■ EF-15080		8.0 x 0.8	8.2	23.0			
■ EF-15094		9.4 x 1.0	9.9	26.5			
■ EF-25028	1.50-2.50 / 16-14	2.8 x 0.5	3.2	19.0	4.5	11.0	100/1000
■ EF-25028-1		2.8 x 0.8	3.2	19.0			
■ EF-25048		4.8 x 0.5	5.0	20.0			
■ EF-25048-1		4.8 x 0.8	5.0	20.0			
■ EF-25052		5.2 x 0.5	5.6	20.0			
■ EF-25063		6.3 x 0.8	6.8	22.0			
■ EF-25080		8.0 x 0.8	8.2	23.5			
■ EF-25094		9.4 x 1.0	9.9	27.0			
■ EF-55028	4.00-6.00 / 12-10	2.8 x 0.5	3.2	22.0	6.6	14.0	50/500
■ EF-55028-1		2.8 x 0.8	3.2	22.0			
■ EF-55048		4.8 x 0.5	5.0	23.0			
■ EF-55048-1		4.8 x 0.8	5.0	23.0			
■ EF-55063		6.3 x 0.8	6.8	25.0			
■ EF-55094		9.4 x 1.0	9.9	30.1			



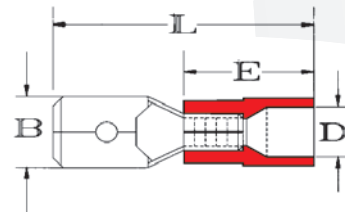


# Entrada fácil sin casquillo

## Enchufables macho



105° / 300 V / PA / Cu-Zn



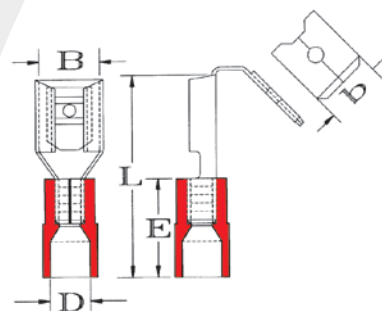
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	L	D	E	
EF-15280	0.50-1.50 / 20-16	2.8 x 0.5	22.0	4.1	10.5	100/1000
EF-15280-1		2.8 x 0.8				
EF-15480		4.8 x 0.5				
EF-15480-1		4.8 x 0.8				
EF-15635		6.3 x 0.8				
EF-25280	1.50-2.50 / 16-14	2.8 x 0.5	25.5	4.5	11.0	100/1000
EF-25280-1		2.8 x 0.8				
EF-25480		4.8 x 0.5				
EF-25480-1		4.8 x 0.8				
EF-25635		6.3 x 0.8				
EF-55280	4.00-6.00 / 12-10	2.8 x 0.5	24.0	6.6	14.0	50/500
EF-55280-1		2.8 x 0.8				
EF-55480		4.8 x 0.5				
EF-55480-1		4.8 x 0.8				
EF-55635		6.3 x 0.8				

## Enchufables mixtos



105° / 300 V / PA / Cu-Zn



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	i	B	b	L	D	E	
EF-15635-X	0.50-1.50 / 20-16	6.3 x 0.8	6.8	6.3 x 0.8	22.5	4.1	10.5	100/1000
EF-25635-X	1.50-2.50 / 16-14	6.3 x 0.8	6.8	6.3 x 0.8	23.0	4.5	11.0	100/1000
EF-55635-X	4.00-6.00 / 12-10	6.3 x 0.8	6.8	6.3 x 0.8	26.0	6.6	14.0	50/500

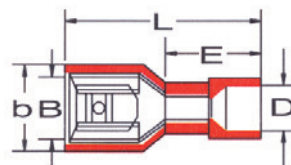


# Entrada fácil sin casquillo




Enchufables hembra totalmente aislados



105° / 300 V / PA / Cu-Zn

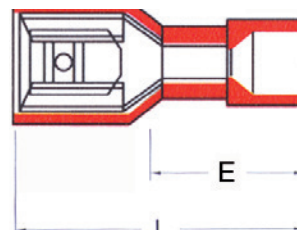


Medidas en mm.




Art.	mm <sup>2</sup> /AWG	 	B	b	L	D	E	
■ EF-15028-2	0.50-1.50 / 20-16	2.8 x 0.5	3.0	5.4	19.0	4.3	10.5	100/1000
■ EF-15028-2-1		2.8 x 0.8	3.0	5.4	19.0			
■ EF-15048-2		4.8 x 0.5	5.0	7.4	19.5			
■ EF-15048-2-1		4.8 x 0.8	5.0	7.4	19.5			
■ EF-15063-2		6.3 x 0.8	6.8	9.0	21.5			
■ EF-25048-2	1.50-2.50 / 16-14	4.8 x 0.5	5.0	7.4	20.0	5.0	11.0	100/1000
■ EF-25048-2-1		4.8 x 0.8	5.0	7.4	20.0			
■ EF-25063-2		6.3 x 0.8	6.8	9.0	22.0			
■ EF-55063-2	4.00-6.00 / 12-10	6.3 x 0.8	6.8	9.0	26.0	6.6	14.0	50/500



105° / 300 V / PA / Cu-Zn



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	 	B	L	D	E	
■ EF-15063-3	0.50-1.50 / 20-16	6.3 x 0.8	8.2	22.5	4.4	11.0	100/1000
■ EF-25063-3	1.50-2.50 / 16-14	6.3 x 0.8	8.2	21.8	4.4	11.0	100/1000
■ EF-55063-3	4.00-6.00 / 12-10	6.3 x 0.8	8.2	26.0	6.7	14.0	50/500



## Entrada fácil sin casquillo


Enchufables macho totalmente aislados

105° / 300 V / PA / Cu-Zn


Three male connectors are shown side-by-side. From left to right, they are red, blue, and yellow. Each connector has a rectangular body with a circular contact point on the front and a cylindrical plug on the back.

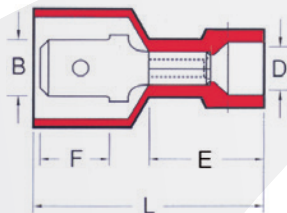
A technical drawing of the connector in cross-section. It shows the internal contact point and the plug. Dimensions are labeled: B is the width of the body, F is the length of the body, L is the total length, E is the length of the plug, and D is the diameter of the plug.

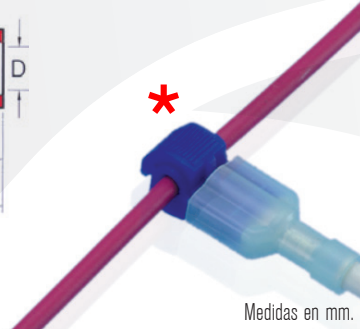
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	F	L	E	D	
EF-15635-2	0.50-1.50 / 20-16	6.3 x 0.8	7.7	23.0	11.0	4.0	100/1000
EF-25635-2	1.50-2.50 / 16-14	6.3 x 0.8	7.7	24.0	11.0	4.5	100/1000
EF-55635-2	4.00-6.00 / 12-10	6.3 x 0.8	7.7	25.0	13.0	6.3	50/500

105° / 300 V / PA / Cu-Zn







Medidas en mm.

Art.

mm<sup>2</sup>/AWG

B


F

L

E

D

\*



EF-15635-3

0.50-1.50 / 20-16

6.3 x 0.8

7.7

25.0

12.0

3.9

CR-951

100/1000

EF-25635-3

1.50-2.50 / 16-14

6.3 x 0.8

7.7

25.0

12.0

4.4

CR-952

100/1000

EF-55635-3

4.00-6.00 / 12-10

6.3 x 0.8

7.7

28.8

14.0

6.7

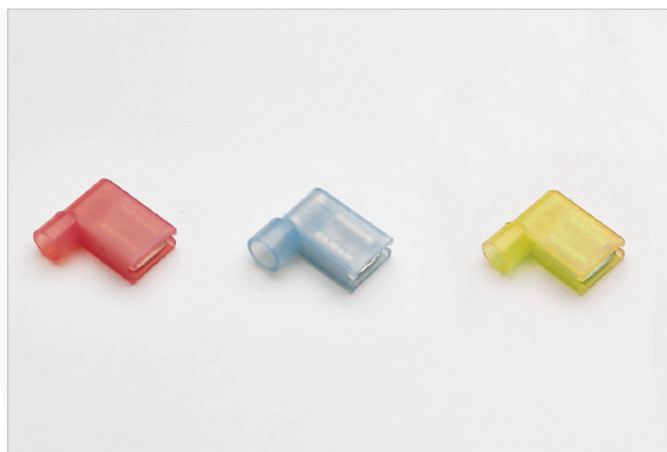
CR-953

50/500

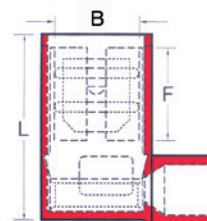


# Entrada fácil sin casquillo






Enchufables hembra bandera totalmente aislados



105° / 300 V / PA / Cu-Zn



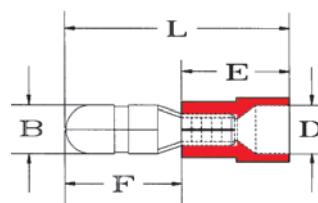
Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	F	L	
 EF-15063-B	0.50-1.50 / 20-16	6.3 x 0.8	6.8	7.6	16.1	100/1000
 EF-25063-B	1.50-2.50 / 16-14	6.3 x 0.8	6.8	7.6	16.1	100/1000
 EF-55063-B	4.00-6.00 / 12-10	6.3 x 0.8	6.8	7.6	16.9	50/500







Cilíndricos macho



105° / 300 V / PA / Cu-Zn



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	F	L	D	E	
 EF-15040-1	0.50-1.50 / 20-16	4.0	10.5	22.0	4.1	11.5	100/1000
 EF-25040-1	1.50-2.50 / 16-14	4.0	10.5	22.5	4.5	12.0	100/1000
 EF-25050-1		5.0					
 EF-55040-1	4.00-6.00 / 12-10	4.0	11.7	25.7	6.6	14.0	50/500
 EF-55050-1		5.0					

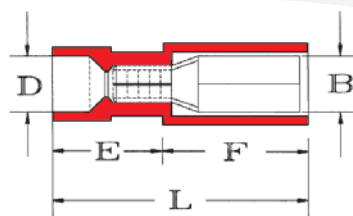


## Entrada fácil sin casquillo

Cilíndricos hembra totalmente aislados



105° / 300 V / PA / Cu-Zn



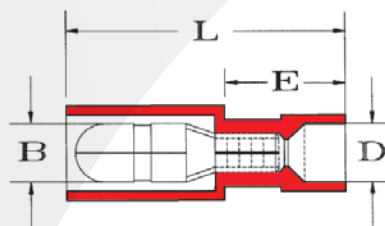
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	F	L	D	E	
■ EF-15039	0.50-1.50 / 20-16	4.7	7.0	24.0	4.3	10.5	100/1000
■ EF-25039	1.50-2.50 / 16-14	4.7	7.9	24.0	5.0	10.5	100/1000
■ EF-25049		5.7					
■ EF-55039	4.00-6.00 / 12-10	4.7	7.9	27.0	6.6	13.0	50/500
■ EF-55049		5.7					

Cilíndricos macho totalmente aislados



105° / 300 V / PA / Cu-Zn



Medidas en mm.



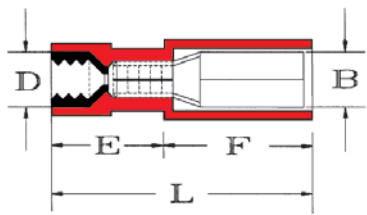



Art.	mm <sup>2</sup> /AWG	B	L	D	E	
■ EF-15040	0.50-1.50 / 20-16	4.0	25.0	4.3	10.5	100/1000
■ EF-25040	1.50-2.50 / 16-14	4.0	25.0	5.0	10.5	100/1000
■ EF-25050		5.0				
■ EF-55040	4.00-6.00 / 12-10	4.0	27.5	6.6	13.0	50/500
■ EF-55050		5.0				





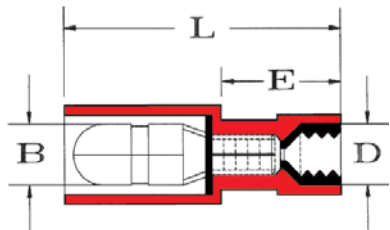




## Entrada fácil con casquillo corto

Cilíndricos hembra totalmente aislados

 									<b>105° / 300 V / PA / Cu-Zn</b>
Medidas en mm.									
Art.	mm <sup>2</sup> /AWG	IP	B	F	L	D	E		
 <b>EFC-15039-WP</b>	0.50-1.50 / 20-16	57	4.7	7.0	24.0	4.3	10.5	100/1000	
 <b>EFC-25039-WP</b>	1.50-2.50 / 16-14	57	4.7	7.9	24.0	5.0	10.5	100/1000	

Cilíndricos macho totalmente aislados

 				<b>105° / 300 V / PA / Cu-Zn</b>					
Medidas en mm.									
Art.	mm <sup>2</sup> /AWG	IP	B	F	L	D			
 <b>EFC-15040-WP</b>	0.50-1.50 / 20-16	57	4.0	25.0	4.3	10.5	100/1000		
 <b>EFC-25040-WP</b>	1.50-2.50 / 16-14	57	4.0	25.0	5.0	10.5	100/1000		

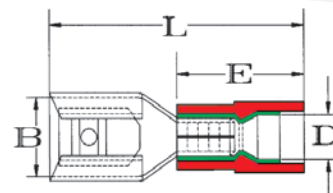


# Entrada fácil con casquillo

Enchufables hembra



105° / 300 V / PA / Cu-Zn



Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	L	D	E	
EFCC-15028	0.50-1.50 / 20-16	2.8 x 0.5	3.2	18.5	4.1	10.5	100/1000
EFCC-15028-1		2.8 x 0.8	3.2	18.5			
EFCC-15048		4.8 x 0.5	5.0	19.5			
EFCC-15048-1		4.8 x 0.8	5.0	19.5			
EFCC-15052		5.2 x 0.5	5.6	20.0			
EFCC-15063		6.3 x 0.8	6.8	21.5			
EFCC-15080		8.0 x 0.8	9.1	23.0			
EFCC-15094		9.4 x 1.0	11.0	26.5			
EFCC-25028	1.50-2.50 / 16-14	2.8 x 0.5	3.2	19.0	5.0	11.0	100/1000
EFCC-25028-1		2.8 x 0.8	3.2	19.0			
EFCC-25048		4.8 x 0.5	5.0	20.0			
EFCC-25048-1		4.8 x 0.8	5.0	20.0			
EFCC-25052		5.2 x 0.5	5.6	20.0			
EFCC-25063		6.3 x 0.8	6.8	20.0			
EFCC-25094		9.4 x 1.0	11.0	27.0			
EFCC-55028	4.00-6.00 / 12-10	2.8 x 0.5	3.2	22.0	6.6	14.0	50/500
EFCC-55028-1		2.8 x 0.8	3.2	22.0			
EFCC-55048		4.8 x 0.5	5.0	23.0			
EFCC-55048-1		4.8 x 0.8	5.0	23.0			
EFCC-55063		6.3 x 0.8	6.8	25.0			
EFCC-55094		9.4 x 1.0	9.9	30.1			



# Entrada fácil con casquillo

Enchufables macho

							105° / 300 V / PA / Cu-Zn
							Medidas en mm.
Art.	mm <sup>2</sup> /AWG	B	L	D	E		
EFCC-15280	0.50-1.50 / 20-16	2.8 x 0.5	22.0	4.1	10.5	100/1000	
EFCC-15280-1		2.8 x 0.8					
EFCC-15480		4.8 x 0.5					
EFCC-15480-1		4.8 x 0.8					
EFCC-15635		6.3 x 0.8					
EFCC-25280	1.50-2.50 / 16-14	2.8 x 0.5	22.5	5.0	11.0	100/1000	
EFCC-25280-1		2.8 x 0.8					
EFCC-25480		4.8 x 0.5					
EFCC-25480-1		4.8 x 0.8					
EFCC-25635		6.3 x 0.8					
EFCC-55280	4.00-6.00 / 12-10	2.8 x 0.5	24.5	6.6	14.0	50/500	
EFCC-55280-1		2.8 x 0.8					
EFCC-55480		4.8 x 0.5					
EFCC-55480-1		4.8 x 0.8					
EFCC-55635		6.3 x 0.8					






Enchufables mixtos

105° / 300 V / PA / Cu-Zn

A photograph showing three mixed plug terminals of different sizes and colors: red, blue, and yellow. Each terminal has a metal body with a forked end for wire insertion and a plastic housing.

A technical drawing of the mixed plug terminal. It shows a side view with dimensions B (width of the fork), b (width of the base), L (length of the body), D (diameter of the base), and E (height of the base). A detail view shows the internal structure of the fork and the base.

Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	b	L	D	E	
 EFCC-15635-X	0.50-1.50 / 20-16	6.3 x 0.8	6.8	6.3 x 0.8	22.5	4.1	10.5	100/1000
 EFCC-25635-X	1.50-2.50 / 16-14	6.3 x 0.8	6.8	6.3 x 0.8	23.0	5.0	11.0	100/1000
 EFCC-55635-X	4.00-6.00 / 12-10	6.3 x 0.8	6.8	6.3 x 0.8	26.0	6.6	14.0	50/500

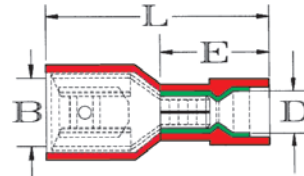


## Entrada fácil con casquillo












Enchufables hembra totalmente aislados



105° / 300 V / PA / Cu-Zn



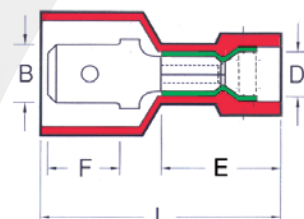
Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	L	D	E	
 EFCC-15028-2	0.50-1.50 / 20-16	2.8 x 0.5	3.2	19.0	4.3	10.5	100/1000
 EFCC-15028-2-1		2.8 x 0.8	3.2	19.0			
 EFCC-15048-2		4.8 x 0.5	5.0	19.5			
 EFCC-15048-2-1		4.8 x 0.8	5.0	19.5			
 EFCC-15063-2		6.3 x 0.8	6.7	21.5			
 EFCC-25048-2	1.50-2.50 / 16-14	4.8 x 0.5	5.0	20.0	5.0	11.0	100/1000
 EFCC-25048-2-1		4.8 x 0.8	5.0	20.0			
 EFCC-25063-2		6.3 x 0.8	6.7	22.0			
 EFCC-55063-2	4.00-6.00 / 12-10	6.3 x 0.8	6.7	26.0	6.6	14.0	50/500

Enchufables macho totalmente aislados



105° / 300 V / PA / Cu-Zn



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	F	L	D	E	
 EFCC-15635-2	0.50-1.50 / 20-16	6.3 x 0.8	7.7	25.1	4.4	11.7	100/1000
 EFCC-25635-2	1.50-2.50 / 16-14	6.3 x 0.8	7.7	25.1	4.9	11.7	100/1000
 EFCC-55635-2	4.00-6.00 / 12-10	6.3 x 0.8	7.7	26.7	6.7	13.9	50/500



## Entrada fácil con casquillo

Enchufables hembra bandera totalmente aislados

105° / 300 V / PA / Cu-Zn

Medidas en mm.

Art.

mm<sup>2</sup>/AWG




W

F

L

B

D

 EFC-15048-B  
 EFC-15048-1-B  
 EFC-15063-B

0.50-1.50 / 20-16

4.8 x 0.5  
4.8 x 0.8  
6.3 x 0.8

5.0

6.2

19.0

11.0

3.5

100/500

6.6

7.5

20.8

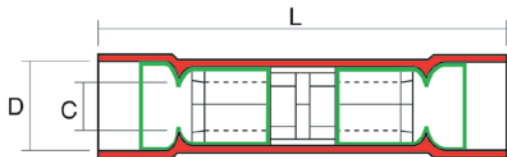
11.0

4.0

100/500

Empalmes punta a punta

105° / 600 V / PA / Cu



Medidas en mm.


Art.


mm<sup>2</sup>/AWG

L

D

C



 EFCC-15017


0.50-1.50 / 20-16

26.0

4.5

1.8

100/1000

 EFCC-25023


1.50-2.50 / 16-14

27.0

5.2

2.7

100/1000

 EFCC-55034

4.00-6.00 / 12-10

31.3

7.0

3.4

50/500



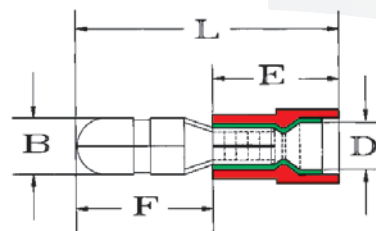


## Entrada fácil con casquillo

### Cilíndricos macho



105° / 300 V / PA / Cu-Zn



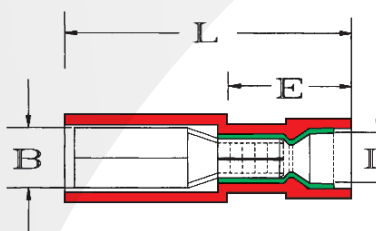
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	F	L	D	E	
EFCC-15040-1	0.50-1.50 / 20-16	4.0	11.0	22.0	4.1	11.0	100/1000
EFCC-25040-1	1.50-2.50 / 16-14	4.0	11.5	22.5	5.0	11.0	100/1000
EFCC-25050-1		5.0					
EFCC-55040-1	4.00-6.00 / 12-10	4.0	12.0	26.0	6.6	14.0	50/500
EFCC-55050-1		5.0					

### Cilíndricos hembra totalmente aislados



105° / 300 V / PA / Cu-Zn



Medidas en mm.

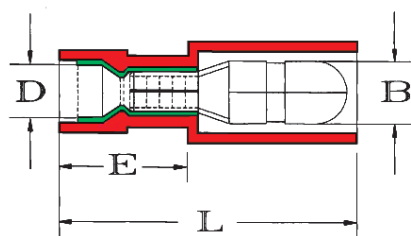
Art.	mm <sup>2</sup> /AWG	B	L	D	E	
EFCC-05021	0.14-0.34 / 26-22	2.1	26.6	3.5	11.0	100/1000
EFCC-15039	0.50-1.50 / 20-16	4.7	24.0	4.3	10.5	100/1000
EFCC-25039	1.50-2.50 / 16-14	4.7	24.0	5.0	10.5	100/1000
EFCC-25049		5.7				
EFCC-55039	4.00-6.00 / 12-10	4.7	27.0	6.6	13.0	50/500
EFCC-55049		5.7				



## Entrada fácil con casquillo

Cilíndricos macho totalmente aislados

105° / 300 V / PA / Cu-Zn



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	L	D	E	
□ EFCC-05020	0.14-0.34 / 26-22	2.0	24.5	3.5	11.0	100/1000
■ EFCC-15040	0.50-1.50 / 20-16	4.0	25.0	4.3	10.5	100/1000
■ EFCC-25040	1.50-2.50 / 16-14	4.0	25.0	5.0	10.5	100/1000
■ EFCC-25050		5.0				
■ EFCC-55040	4.00-6.00 / 12-10	4.0	27.5	6.6	13.0	50/500
■ EFCC-55050		5.0				

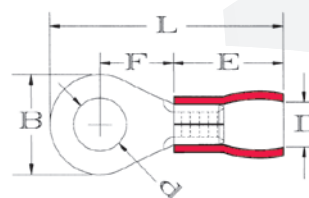


# PVC sin casquillo

## Redondos



75° / 600 V / PVC / Cu



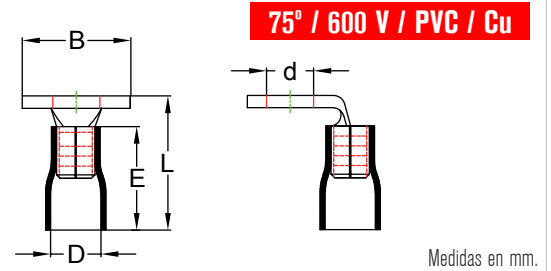
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	F	D	E	
PVC-15032	0.50-1.50 / 20-16	3.2	5.5	17.5	4.3	4.3	10.5	100/1000
PVC-15037		3.7	5.5	17.5	4.3			
PVC-15037-1		3.7	6.6	20.4	6.6			
PVC-15043		4.3	6.6	20.4	6.6			
PVC-15043-1		4.3	8.0	21.7	7.3			
PVC-15053		5.3	8.0	21.7	7.3			
PVC-15064		6.4	11.6	27.6	11.4			
PVC-15084		8.4	11.6	27.6	11.4			
PVC-15105		10.5	13.7	31.5	14.2			
PVC-15130		13.0	19.6	35.0	16.0			
PVC-25032	1.50-2.50 / 16-14	3.2	6.6	20.6	6.3	4.9	11.0	100/1000
PVC-25032-1		3.2	8.5	23.0	7.5			
PVC-25037		3.7	6.6	20.6	6.3			
PVC-25037-1		3.7	8.5	23.0	7.8			
PVC-25043		4.3	6.6	20.8	6.3			
PVC-25043-1		4.3	8.5	23.0	7.8			
PVC-25053		5.3	8.5	23.0	7.8			
PVC-25053-1		5.3	9.5	23.0	7.3			
PVC-25064		6.4	12.0	28.10	11.0			
PVC-25084		8.4	12.0	28.10	11.0			
PVC-25105		10.5	13.7	31.9	11.0			
PVC-25130		13.0	19.2	35.5	16.0			
PVC-35043	2.50-4.00 / 14-12	4.3	9.5	25.8	8.0	6.1	14.0	100/1000
PVC-35043-1		4.3	7.9	25.8	8.0			
PVC-35053		5.3	9.5	25.8	8.0			
PVC-35053-1		5.3	7.9	25.8	8.0			
PVC-35064		6.6	12.0	28.3	8.0			
PVC-55032	4.00-6.00 / 12-10	3.2	9.5	26.7	8.0	6.7	14.0	50/500
PVC-55037		3.7	9.5	26.7	8.0			
PVC-55043		4.3	7.4	26.7	8.0			
PVC-55043-1		4.3	9.5	26.7	8.0			
PVC-55053		5.3	9.5	26.7	8.0			
PVC-55053-1		5.3	7.4	26.0	8.0			
PVC-55064		6.4	12.0	32.7	12.7			
PVC-55084		8.4	15.0	34.9	13.4			
PVC-55105		10.5	15.0	34.9	13.4			
PVC-55130		13.0	19.2	39.6	16.0			



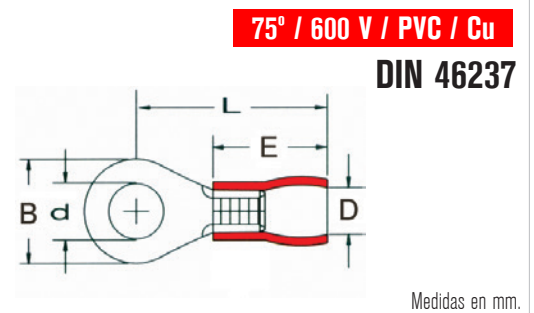
## PVC sin casquillo

Redondos 90°



Art.	mm <sup>2</sup> /AWG	d	B	L	D	E	
■ PVC-15043-L	0.50-1.50 / 20-16	4.3	8.0	12.7	4.3	10.0	100/1000
■ PVC-15053-L		5.3					
■ PVC-25043-L	1.50-2.50 / 16-14	4.3	9.5	13.5	4.7	10.7	100/1000
■ PVC-25053-L		5.3					

Redondos

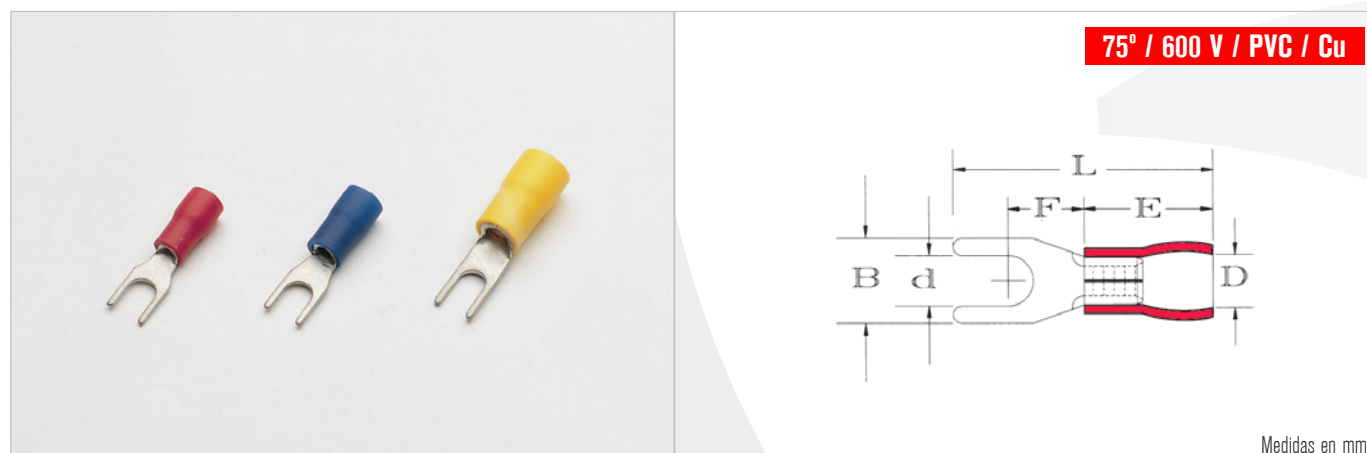


Art.	mm <sup>2</sup> /AWG	d	B	L	D	E	
■ PVCD-15027	0.50-1.50 / 20-16	2.7	6.0	16.0	4.5	10.5	100/1000
■ PVCD-15032		3.2		16.0			
■ PVCD-15037		3.7		16.0			
■ PVCD-15043		4.3		17.0			
■ PVCD-15053		5.3		18.0			
■ PVCD-15064		6.5		20.0			
■ PVCD-15084		8.4		29.5			
■ PVCD-15105		10.5		33.5			
■ PVCD-25032	1.50-2.50 / 16-14	3.2	6.0	17.0	5.0	11.0	100/1000
■ PVCD-25037		3.7		17.0			
■ PVCD-25043		4.3		18.0			
■ PVCD-25053		5.3		20.0			
■ PVCD-25064		6.5		22.0			
■ PVCD-25084		8.4		30.0			
■ PVCD-25105		10.5		34.0			
■ PVCD-55043	4.00-6.00 / 12-10	4.3	8.0	20.0	6.0	14.0	50/500
■ PVCD-55053		5.3		21.0			
■ PVCD-55064		6.5		22.0			
■ PVCD-55084		8.4		25.0			
■ PVCD-55105		10.5		27.0			
■ PVCD-55130		13.0		32.0			



# PVC sin casquillo

## Horquillas




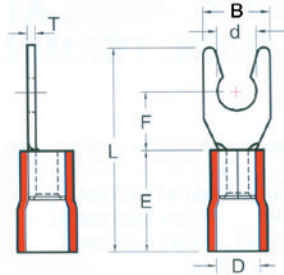
Art.	mm <sup>2</sup> /AWG	d	B	L	F	D	E	
■ PVC-15032-A	0.50-1.50 / 20-16	3.2	5.7	22.0	7.2	4.3	10.3	100/1000
■ PVC-15037-A		3.7	5.7	22.0	7.2			
■ PVC-15037-1A		3.7	6.2	22.0	7.2			
■ PVC-15043-A		4.3	6.4	22.0	7.2			
■ PVC-15043-1A		4.3	7.2	22.0	7.2			
■ PVC-15053-A		5.3	8.0	22.0	6.5			
■ PVC-15064-A		6.4	10.8	23.0	8.0			
■ PVC-15064-1A		6.4	9.3	23.0	8.0			
■ PVC-15084-A		8.4	13.5	28.0	10.5			
■ PVC-15105-A		10.5	15.0	20.5	11.0			
■ PVC-25032-A	1.50-2.50 / 16-14	3.2	5.7	22.5	6.5	4.9	11.0	100/1000
■ PVC-25037-A		3.7	5.7	22.5	6.5			
■ PVC-25037-1A		3.7	6.2	22.5	6.5			
■ PVC-25043-A		4.3	6.4	22.5	6.5			
■ PVC-25043-1A		4.3	7.2	22.5	6.5			
■ PVC-25053-A		5.3	8.0	22.5	6.5			
■ PVC-25064-A		6.4	10.8	23.5	7.7			
■ PVC-25064-1A		6.4	9.3	23.5	7.7			
■ PVC-25084-A		8.4	13.8	28.5	8.0			
■ PVC-35037-A	2.50-4.00 / 14-12	3.7	7.3	26.0	6.3	6.1	14.0	100/1000
■ PVC-35043-A		4.3	8.0	25.0	6.3			
■ PVC-35053-A		5.3	8.0	25.0	6.7			
■ PVC-55032-A	4.00-6.00 / 12-10	3.2	7.3	26.7	6.7	6.7	14.0	50/500
■ PVC-55037-A		3.7	6.3	26.7	7.1			
■ PVC-55037-1A		3.7	8.1	26.7	7.1			
■ PVC-55043-A		4.3	6.3	26.7	7.4			
■ PVC-55043-1A		4.3	8.2	26.7	7.5			
■ PVC-55053-A		5.3	9.0	26.7	8.0			
■ PVC-55064-A		6.4	12.0	30.7	9.90			
■ PVC-55064-1A		6.4	9.0	30.7	9.90			
■ PVC-55084-A		8.4	13.5	32.6	12.0			




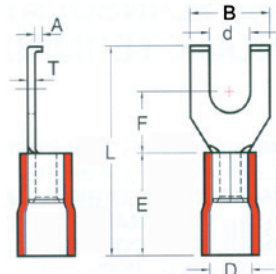


## PVC sin casquillo

## Horquillas clip

75° / 600 V / PVC / Cu									
 									
Medidas en mm.									
Art.	mm <sup>2</sup> /AWG	d	B	F	L	E	D	T	
PVC-15032-B	0.50-1.50 / 20-16	3.2	6.4	5.7	21.0	10.0	4.0	0.8	100/1000
PVC-15037-B		3.7	6.4						
PVC-15043-B		4.3	7.2						
PVC-15053-B		5.3	8.1						
PVC-25032-B	1.50-2.50 / 16-14	3.2	5.7	6.5	22.5	10.0	4.5	0.8	100/1000
PVC-25037-B		3.7	6.0						
PVC-25043-B		4.3	7.2						
PVC-25053-B		5.3	8.1						
PVC-55037-B	4.00-6.00 / 12-10	3.7	8.3	7.0	25.2	13.0	6.3	1.0	50/500
PVC-55043-B		4.3	8.3						
PVC-55053-B		5.3	9.0						
PVC-55064-B		6.4	12.0	12.0	30.7				

## Horquillas con retención

75° / 600 V / PVC / Cu									
 									
Medidas en mm.									
Art.	mm <sup>2</sup> /AWG	d	B	F	L	E	D	A	T
PVC-15037-R	0.50-1.50 / 20-16	3.7	7.5	5.1	19.0	10.0	4.0	1.5	0.8
PVC-15043-R		4.3							
PVC-15053-R		5.3							
PVC-25037-R	1.50-2.50 / 16-14	3.7	7.5	5.2	19.5	10.0	4.5	1.5	0.8
PVC-25043-R		4.3							
PVC-25053-R		5.3							
PVC-55037-R	4.00-6.00 / 12-10	3.7	8.5	7.5	27.0	13.0	6.3	1.5	1.0
PVC-55043-R		4.3							
PVC-55053-R		5.3							

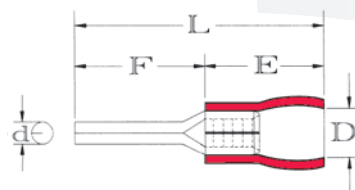


# PVC sin casquillo

## Punteras



75° / 600 V / PVC / Cu



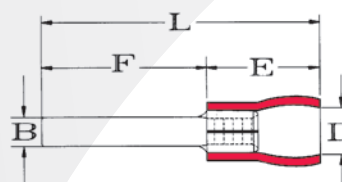
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	F	L	D	E	
PVC-15019-9	0.50-1.50 / 20-16	2.0	9.0	19.5	4.3	10.5	100/1000
PVC-15019-12			12.0	22.5			
PVC-15019-16			16.0	26.0			
PVC-25019-9	1.50-2.50 / 16-14	2.0	9.0	20.0	4.9	11.0	100/1000
PVC-25019-12			12.0	23.0			
PVC-25019-16			16.0	26.0			
PVC-55027	4.00-6.00 / 12-10	2.7	13.5	27.5	6.7	14.0	50/500

## Punteras planas



75° / 600 V / PVC / Cu



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	F	L	D	E	
PVC-15009-P	0.50-1.50 / 20-16	2.8	9.0	19.5	4.3	10.5	100/1000
PVC-15009-1P		2.3	9.0	19.5			
PVC-15012-P		3.0	12.0	22.5			
PVC-15014-P		3.0	14.5	25.5			
PVC-15018-P		2.5	18.0	28.5			
PVC-25009-P	1.50-2.50 / 16-14	2.8	9.0	20.0	4.9	11.0	100/1000
PVC-25016-P		2.9	16.0	27.0			
PVC-25018-P		2.5	18.0	29.0			
PVC-55010-P	4.00-6.00 / 12-10	2.8	10.0	24.0	6.7	14.0	50/500
PVC-55013-P		4.5	13.0	27.0			
PVC-55018-P		4.5	18.0	31.5			
PVC-55018-1P		3.0	18.0	32.0			

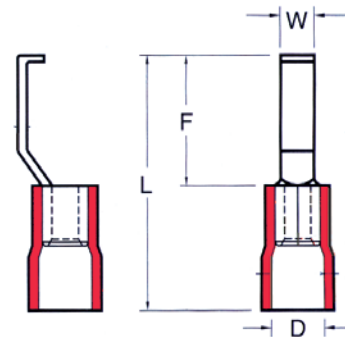


## PVC sin casquillo

Punteras gancho



75° / 600 V / PVC / Cu



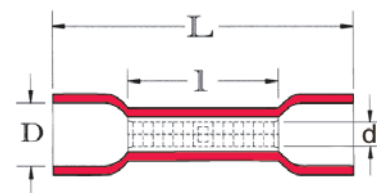
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	W	F	L	D	
PVC-15030-H	0.50-1.50 / 20-16	2.8	16.8	28.3	4.3	100/1000
PVC-15046-H		4.6				
PVC-25030-H	1.50-2.50 / 16-14	2.8	16.8	28.8	4.7	100/1000
PVC-25046-H		4.6				
PVC-55030-H	4.00-6.00 / 12-10	2.8	17.2	31.8	6.7	50/500
PVC-55046-H		4.6				

Empalmes punta a punta



75° / 600 V / PVC / Cu



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	D	l	L	
PVC-15017	0.50-1.50 / 20-16	1.7	4.0	15.0	25.0	100/1000
PVC-25023	1.50-2.50 / 16-14	2.3	4.5	15.0	25.0	100/1000
PVC-55034	4.00-6.00 / 12-10	3.4	6.3	15.0	27.0	50/500
PVC-10	10.00 / 8	4.5	8.5	21.0	35.5	50/500
PVC-16	16.00 / 6	5.9	10.5	27.5	45.0	50/500
PVC-25	25.00 / 4	7.8	12.4	30.5	52.5	50/500
PVC-35	35.00 / 2	9.5	15.5	33.5	55.0	25/100

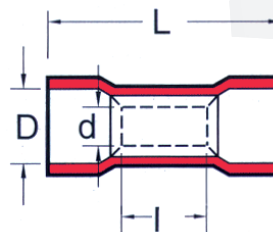


# PVC sin casquillo

## Empalmes paralelos



75° / 600 V / PVC / Cu



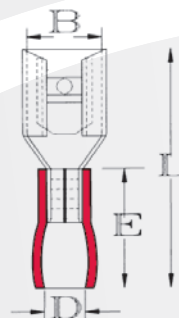
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	D	l	L	
<span style="color: red;">■</span> PVC-15017-1	0.50-1.50 / 20-16	1.7	4.3	8.0	18.0	100/1000
<span style="color: blue;">■</span> PVC-25023-1	1.50-2.50 / 16-14	2.4	5.0	8.0	18.0	100/1000
<span style="color: yellow;">■</span> PVC-55034-1	4.00-6.00 / 12-10	3.5	6.7	8.5	21.5	50/500


## Enchufables hembra



75° / 300 V / PVC / Cu-Zn



Medidas en mm.









Art.	mm <sup>2</sup> /AWG		B	L	D	E	
<span style="color: red;">■</span> PVC-15028	0.50-1.50 / 20-16	2.8 x 0.5	3.2	18.5	3.6	10.0	100/1000
<span style="color: red;">■</span> PVC-15028-1		2.8 x 0.8	3.2	18.5			
<span style="color: red;">■</span> PVC-15048		4.8 x 0.5	5.0	19.0			
<span style="color: red;">■</span> PVC-15048-1		4.8 x 0.8	5.0	19.0			
<span style="color: red;">■</span> PVC-15052		5.2 x 0.5	5.6	20.0			
<span style="color: red;">■</span> PVC-15063		6.3 x 0.8	6.8	21.0			
<span style="color: red;">■</span> PVC-15080		8.0 x 0.8	8.2	23.0			
<span style="color: red;">■</span> PVC-15094		9.4 x 1.0	9.9	26.5			
<span style="color: blue;">■</span> PVC-25028	1.50-2.50 / 16-14	2.8 x 0.5	3.2	18.5	4.4	10.0	100/1000
<span style="color: blue;">■</span> PVC-25028-1		2.8 x 0.8	3.2	18.5			
<span style="color: blue;">■</span> PVC-25048		4.8 x 0.5	5.0	19.0			
<span style="color: blue;">■</span> PVC-25048-1		4.8 x 0.8	5.0	19.0			
<span style="color: blue;">■</span> PVC-25052		5.2 x 0.5	5.6	20.0			
<span style="color: blue;">■</span> PVC-25063		6.3 x 0.8	6.8	21.0			
<span style="color: blue;">■</span> PVC-25080		8.0 x 0.8	8.2	23.5			
<span style="color: blue;">■</span> PVC-25094		9.4 x 1.0	9.9	27.0			



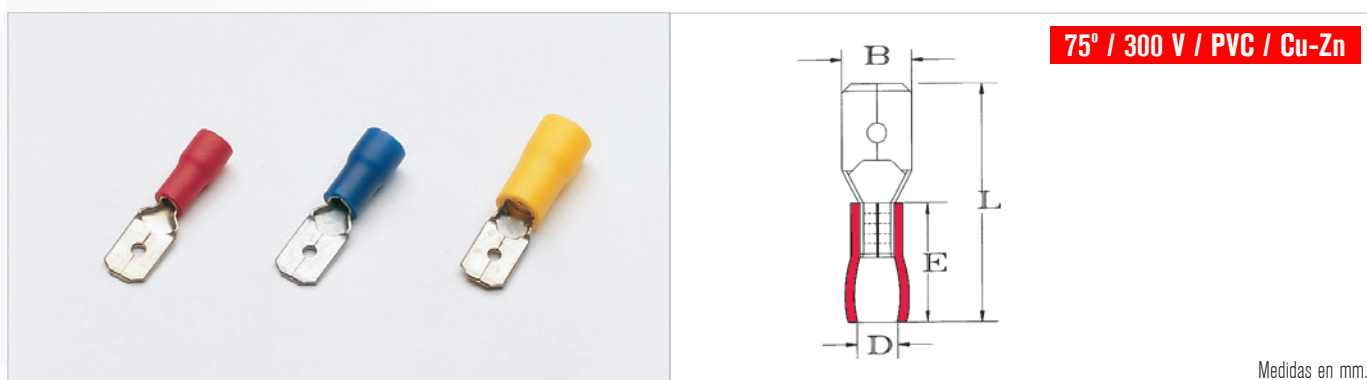
## PVC sin casquillo

## Enchufables hembra

















Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	L	D	E	
 PVC-55028	4.00-6.00 / 12-10	2.8 x 0.5	3.2	22.0	5.40	13.0	50/500
 PVC-55028-1		2.8 x 0.8	3.2	22.0			
 PVC-55048		4.8 x 0.5	5.0	22.0			
 PVC-55048-1		4.8 x 0.8	5.0	22.0			
 PVC-55063		6.3 x 0.8	6.8	24.0			
 PVC-55094		9.4 x 1.0	9.9	30.1			

## Enchufables macho



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	L	D	E	
 PVC-15280	0.50-1.50 / 20-16	2.8 x 0.5	21.5	3.6	10.0	100/1000
 PVC-15280-1		2.8 x 0.8				
 PVC-15480		4.8 x 0.5				
 PVC-15480-1		4.8 x 0.8				
 PVC-15635		6.3 x 0.8				
 PVC-25280	1.50-2.50 / 16-14	2.8 x 0.5	22.0	4.4	10.0	100/1000
 PVC-25280-1		2.8 x 0.8				
 PVC-25480		4.8 x 0.5				
 PVC-25480-1		4.8 x 0.8				
 PVC-25635		6.3 x 0.8				
 PVC-55280	4.00-6.00 / 12-10	2.8 x 0.5	23.5	5.4	13.0	50/500
 PVC-55280-1		2.8 x 0.8				
 PVC-55480		4.8 x 0.5				
 PVC-55480-1		4.8 x 0.8				
 PVC-55635		6.3 x 0.8				

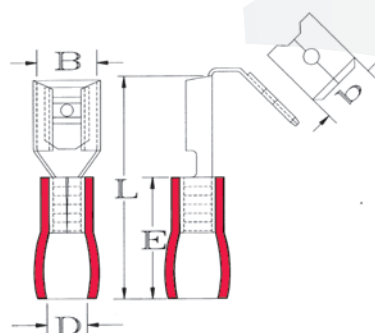


## PVC sin casquillo






### Enchufables mixtos



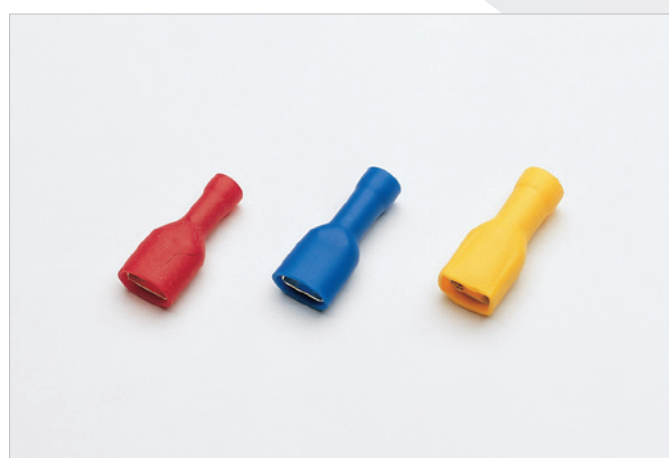
75° / 300 V / PVC / Cu-Zn



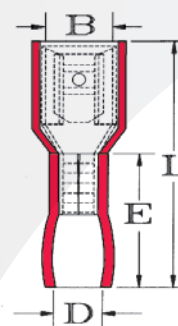
Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	b	L	D	E	
 PVC-15635-X	0.50-1.50 / 20-16	6.3 x 0.8	6.8	6.3 x 0.8	22.5	3.6	10.0	100/1000
 PVC-25635-X	1.50-2.50 / 16-14	6.3 x 0.8	6.8	6.3 x 0.8	22.5	4.4	10.0	100/1000
 PVC-55635-X	4.00-6.00 / 12-10	6.3 x 0.8	6.8	6.3 x 0.8	25.0	5.4	13.0	50/500
















### Enchufables hembra totalmente aislados



75° / 300 V / PVC / Cu-Zn



Medidas en mm.

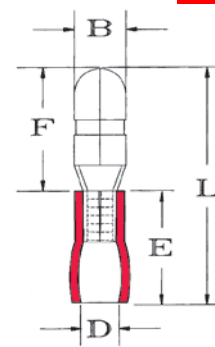
Art.	mm <sup>2</sup> /AWG		B	L	D	E	
 PVC-15028-2	0.50-1.50 / 20-16	2.8 x 0.5	3.3	19.0	3.6	10.0	100/1000
 PVC-15028-2-1		2.8 x 0.8	3.3	19.0			
 PVC-15048-2		4.8 x 0.5	5.0	19.5			
 PVC-15048-2-1		4.8 x 0.8	5.0	19.5			
 PVC-15063-2		6.3 x 0.8	6.8	20.5			
 PVC-25028-2	1.50-2.50 / 16-14	2.8 x 0.5	3.3	19.0	4.5	10.0	100/1000
 PVC-25028-2-1		2.8 x 0.8	3.3	19.0			
 PVC-25048-2		4.8 x 0.5	5.0	19.5			
 PVC-25048-2-1		4.8 x 0.8	5.0	19.5			
 PVC-25063-2		6.3 x 0.8	6.8	21.5			
 PVC-55048-2	4.00-6.00 / 12-10	4.8 x 0.5	5.0	23.5	5.5	13.0	50/500
 PVC-55048-2-1		4.8 x 0.8	5.0	23.5			
 PVC-55063-2		6.3 x 0.8	6.8	24.5			





## PVC sin casquillo

Cilíndricos macho

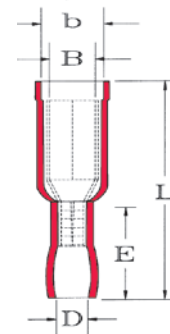


75° / 300 V / PVC / Cu-Zn

Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	F	L	D	E	
■ PVC-15040-1	0.50-1.50 / 20-16	4.0	11.0	21.0	3.6	10.0	100/1000
■ PVC-25040-1	1.50-2.50 / 16-14	4.0	11.0	21.0	4.4	10.0	100/1000
■ PVC-25050-1		5.0	11.5	21.5			
■ PVC-55040-1	4.00-6.00 / 12-10	4.0	12.0	25.0	5.4	13.0	50/500
■ PVC-55050-1		5.0					

Cilíndricos hembra totalmente aislados



75° / 300 V / PVC / Cu-Zn

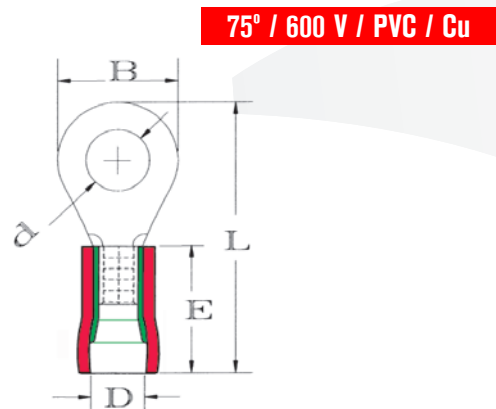
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	b	B	L	D	E	
■ PVC-15039	0.50-1.50 / 20-16	5.7	4.6	21.5	3.6	10.0	100/1000
■ PVC-25039	1.50-2.50 / 16-14	5.7	4.6	22.0	4.4	10.0	100/1000
■ PVC-25049		6.3	5.6				
■ PVC-55039	4.00-6.00 / 12-10	6.6	4.6	24.5	5.4	13.0	50/500
■ PVC-55049			5.6				



# PVC con casquillo

## Redondos



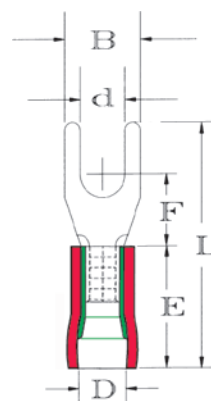
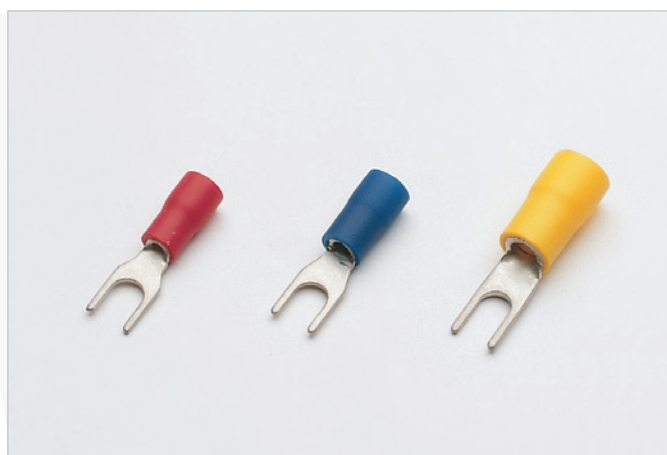
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	D	E	
PVCC-15032	0.50-1.50 / 20-16	3.2	5.5	17.5	4.3	10.5	100/1000
PVCC-15037		3.7	5.5	17.5			
PVCC-15037-1		3.7	6.6	20.4			
PVCC-15043		4.3	6.6	21.7			
PVCC-15043-1		4.3	8.0	20.4			
PVCC-15053		5.3	8.0	21.7			
PVCC-15064		6.4	11.6	27.6			
PVCC-15084		8.4	11.6	27.6			
PVCC-15105		10.5	13.7	31.5			
PVCC-15130		13.0	19.0	35.0			
PVCC-25032	1.50-2.50 / 16-14	3.2	6.6	20.6	4.9	11.0	100/1000
PVCC-25032-1		3.2	8.5	23.0			
PVCC-25037		3.7	6.6	20.6			
PVCC-25037-1		3.7	8.5	23.0			
PVCC-25043		4.3	8.5	23.0			
PVCC-25043-1		4.3	6.6	20.8			
PVCC-25053		5.3	8.5	23.0			
PVCC-25053-1		5.3	9.5	23.0			
PVCC-25064		6.4	12.0	28.1			
PVCC-25084		8.4	12.0	28.1			
PVCC-25105		10.5	13.7	31.9			
PVCC-25130		13.0	19.0	35.5			
PVCC-55032	4.00-6.00 / 12-10	3.2	9.5	26.7	6.7	14.0	50/500
PVCC-55037		3.7	9.5	26.7			
PVCC-55043		4.3	7.4	26.7			
PVCC-55043-1		4.3	9.5	26.7			
PVCC-55053		5.3	7.4	26.0			
PVCC-55064		6.4	12.0	32.7			
PVCC-55084		8.4	15.0	34.9			
PVCC-55105		10.5	15.0	34.9			
PVCC-55130		13.0	19.2	39.6			



## PVC con casquillo

Horquillas



75° / 600 V / PVC / Cu

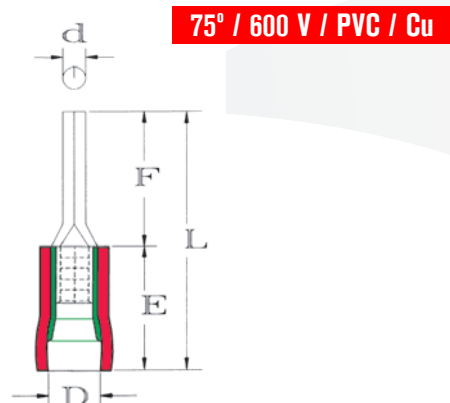
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	F	D	E	
<span style="color: red;">■</span> PVCC-15032-A	0.50-1.50 / 20-16	3.2	5.5	17.5	4.3	4.3	10.5	100/1000
<span style="color: red;">■</span> PVCC-15037-A		3.7	5.5	17.5	4.3			
<span style="color: red;">■</span> PVCC-15037-1A		3.7	6.6	20.4	6.6			
<span style="color: red;">■</span> PVCC-15043-A		4.3	6.6	20.4	6.6			
<span style="color: red;">■</span> PVCC-15043-1A		4.3	8.0	21.7	7.3			
<span style="color: red;">■</span> PVCC-15053-A		5.3	8.0	21.7	7.3			
<span style="color: red;">■</span> PVCC-15064-A		6.4	11.6	27.6	11.4			
<span style="color: blue;">■</span> PVCC-25032-A	1.50-2.50 / 16-14	3.2	6.6	20.6	6.3	4.9	11.0	100/1000
<span style="color: blue;">■</span> PVCC-25037-A		3.7	6.6	20.6	6.3			
<span style="color: blue;">■</span> PVCC-25037-1A		3.7	8.5	23.0	7.8			
<span style="color: blue;">■</span> PVCC-25043-A		4.3	6.6	20.8	6.3			
<span style="color: blue;">■</span> PVCC-25043-1A		4.3	8.5	23.0	7.8			
<span style="color: blue;">■</span> PVCC-25053-A		5.3	8.5	23.0	7.8			
<span style="color: blue;">■</span> PVCC-25064-A		6.4	12.0	28.1	11.0			
<span style="color: blue;">■</span> PVCC-25084-A		8.4	12.0	28.1	11.0			
<span style="color: yellow;">■</span> PVCC-55032-A	4.00-6.00 / 12-10	3.2	7.3	26.7	8.0	6.7	14.0	50/500
<span style="color: yellow;">■</span> PVCC-55037-A		3.7	6.3	26.7	8.0			
<span style="color: yellow;">■</span> PVCC-55043-A		4.3	6.3	26.7	8.0			
<span style="color: yellow;">■</span> PVCC-55043-1A		4.3	8.2	26.7	8.0			
<span style="color: yellow;">■</span> PVCC-55053-A		5.3	9.0	26.7	8.0			
<span style="color: yellow;">■</span> PVCC-55064-A		6.4	12.0	32.7	12.7			
<span style="color: yellow;">■</span> PVCC-55084-A		8.4	13.5	32.6	12.0			



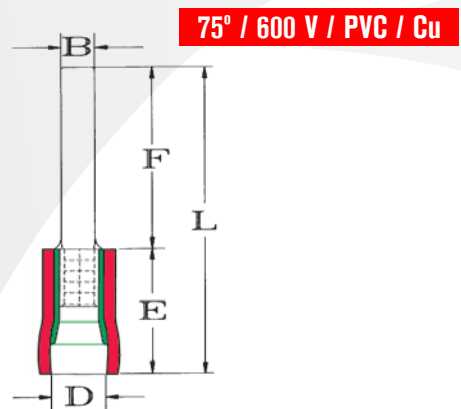
# PVC con casquillo

## Punteras



Art.	mm <sup>2</sup> /AWG	d	F	L	D	E	
PVCC-15019-9	0.50-1.50 / 20-16	2.0	9.0	19.5	4.3	10.5	100/1000
PVCC-15019-12			12.0	22.5			
PVCC-25019-9	1.50-2.50 / 16-14	2.0	9.0	20.0	4.9	11.0	100/1000
PVCC-25019-12			12.0	23.0			
PVCC-25019-16			16.0	27.0			
PVCC-55027	4.00-6.00 / 12-10	2.7	13.5	27.5	6.7	14.0	50/500

## Punteras planas



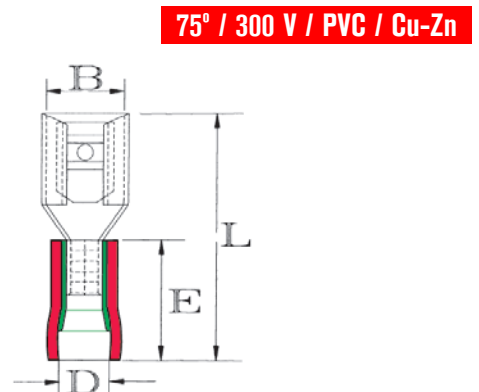
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	F	L	D	E	
PVCC-15009-P	0.50-1.50 / 20-16	2.8	9.0	19.5	4.3	10.5	100/1000
PVCC-15014-P		3.0	14.5	25.5			
PVCC-15018-P		2.5	18.0	28.5			
PVCC-25009-P	1.50-2.50 / 16-14	2.8	9.0	20.0	4.9	11.0	100/1000
PVCC-25016-P		2.9	16.0	27.0			
PVCC-25018-P		2.5	18.0	29.0			
PVCC-55010-P	4.00-6.00 / 12-10	2.8	10.0	24.0	6.7	14.0	50/500
PVCC-55013-P		4.5	13.0	27.0			
PVCC-55018-P		4.5	18.0	31.5			





























# PVC con casquillo

Enchufables hembra



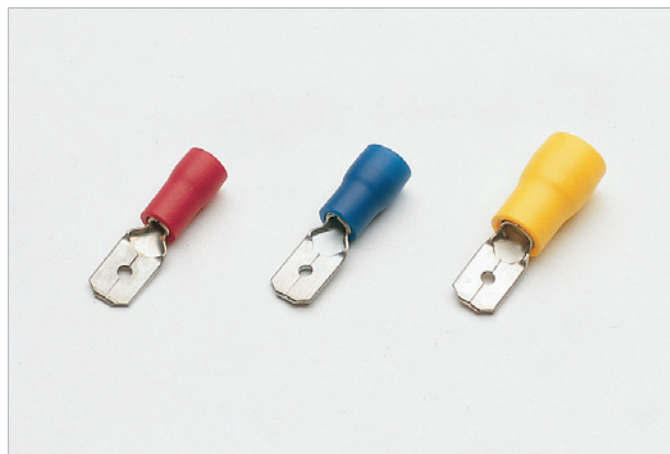
Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	L	D	E	
 PVCC-05028	0.14-0.34 / 26-22	2.8 x 0.5	3.2	16.0	2.8	8.0	100/1000
 PVCC-05028-1		2.8 x 0.8	3.2	16.0			
 PVCC-15028	0.50-1.50 / 20-16	2.8 x 0.5	3.2	19.0	4.7	10.5	100/1000
 PVCC-15028-1		2.8 x 0.8	3.2	19.0			
 PVCC-15048		4.8 x 0.5	5.0	19.5			
 PVCC-15048-1		4.8 x 0.8	5.0	19.5			
 PVCC-15052		5.2 x 0.5	5.6	20.5			
 PVCC-15063		6.3 x 0.8	6.8	21.5			
 PVCC-15080		8.0 x 0.8	8.4	24.0			
 PVCC-15094		9.4 x 1.0	10.0	25.0			
 PVCC-25028	1.50-2.50 / 12-10	2.8 x 0.5	3.2	19.5	4.9	11.0	100/1000
 PVCC-25028-1		2.8 x 0.8	3.2	19.5			
 PVCC-25048		4.8 x 0.5	5.0	20.0			
 PVCC-25048-1		4.8 x 0.8	5.0	20.0			
 PVCC-25052		5.2 x 0.5	5.6	21.0			
 PVCC-25063		6.3 x 0.8	6.8	22.0			
 PVCC-25080		8.0 x 0.8	8.2	24.5			
 PVCC-25094		9.4 x 1.0	10.0	26.1			
 PVCC-55028	4.00-6.00 / 12-10	2.8 x 0.5	3.2	23.0	6.5	14.0	50/500
 PVCC-55028-1		2.8 x 0.8	3.2	23.0			
 PVCC-55048		4.8 x 0.5	5.0	23.0			
 PVCC-55048-1		4.8 x 0.8	5.0	23.0			
 PVCC-55063		6.3 x 0.8	6.8	25.0			
 PVCC-55094		9.4 x 1.2	10.0	28.6			

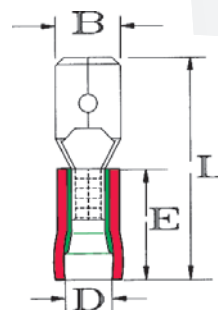


# PVC con casquillo

## Enchufables macho



75° / 300 V / PVC / Cu-Zn



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	L	D	E	
■ PVCC-15280	0.50-1.50 / 20-16	2.8 x 0.5	22.0	4.7	10.5	100/1000
■ PVCC-15280-1		2.8 x 0.8				
■ PVCC-15480		4.8 x 0.5				
■ PVCC-15480-1		4.8 x 0.8				
■ PVCC-15635		6.3 x 0.8				
■ PVCC-25280	1.50-2.50 / 16-14	2.8 x 0.5	22.5	4.9	11.0	100/1000
■ PVCC-25280-1		2.8 x 0.8				
■ PVCC-25480		4.8 x 0.5				
■ PVCC-25480-1		4.8 x 0.8				
■ PVCC-25635		6.3 x 0.8				
■ PVCC-55280	4.00-6.00 / 12-10	2.8 x 0.5	24.5	6.5	14.0	50/500
■ PVCC-55280-1		2.8 x 0.8				
■ PVCC-55480		4.8 x 0.5				
■ PVCC-55480-1		4.8 x 0.8				
■ PVCC-55635		6.3 x 0.8				



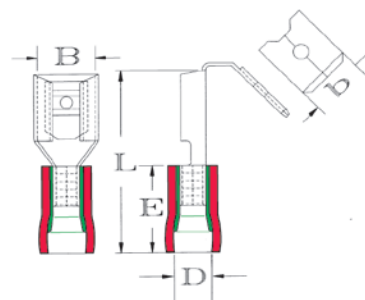


# PVC con casquillo






Enchufables mixtos



75° / 300 V / PVC / Cu-Zn



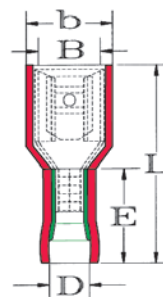
Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	b	L	D	E	
 PVCC-15635-X	0.50-1.50 / 20-16	6.3 x 0.8	6.5	6.3 x 0.8	22.5	4.7	10.5	100/1000
 PVCC-25635-X	1.50-2.50 / 16-14	6.3 x 0.8	6.5	6.3 x 0.8	23.0	4.9	11.0	100/1000
 PVCC-55635-X	4.00-6.00 / 12-10	6.3 x 0.8	6.5	6.3 x 0.8	25.0	6.5	14.0	50/500

















Enchufables hembra totalmente aislados



75° / 300 V / PVC / Cu-Zn



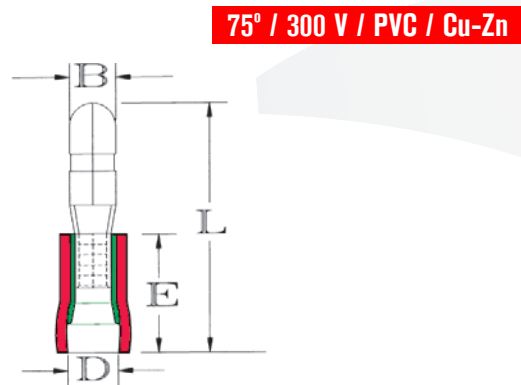
Medidas en mm.

Art.	mm <sup>2</sup> /AWG		B	b	L	D	E	
 PVCC-15028-2	0.50-1.50 / 20-16	2.8 x 0.5	3.2	5.4	19.0	4.7	10.5	100/1000
 PVCC-15028-2-1		2.8 x 0.8	3.2	5.4	19.0			
 PVCC-15048-2		4.8 x 0.5	5.0	7.4	20.0			
 PVCC-15048-2-1		4.8 x 0.8	5.0	7.4	20.0			
 PVCC-15063-2		6.3 x 0.8	6.8	9.0	22.0			
 PVCC-25028-2	1.50-2.50 / 16-14	2.8 x 0.5	3.2	5.4	19.0	4.9	11.0	100/1000
 PVCC-25028-2-1		2.8 x 0.8	3.2	5.4	19.0			
 PVCC-25048-2		4.8 x 0.5	5.0	7.4	20.5			
 PVCC-25048-2-1		4.8 x 0.8	5.0	7.4	20.5			
 PVCC-25063-2		6.3 x 0.8	6.8	9.0	23.0			
 PVCC-55048-2	4.00-6.00 / 12-10	4.8 x 0.5	5.0	7.4	22.0	6.5	14.0	50/500
 PVCC-55048-2-1		4.8 x 0.8	5.0	7.4	22.0			
 PVCC-55063-2		6.3 x 0.8	6.8	9.0	25.5			
 PVCC-55094-2		9.4 x 1.2	9.9	13.0	30.5			



## PVC con casquillo

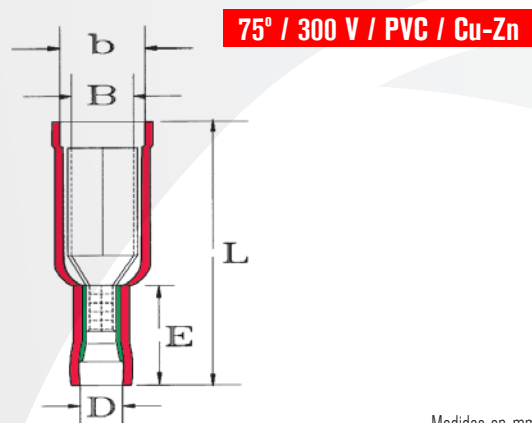
### Cilíndricos macho



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	L	D	E	
<span style="color: red;">■</span> PVCC-15040-1	0.50-1.50 / 20-16	4.0	21.5	4.7	10.5	100/1000
<span style="color: blue;">■</span> PVCC-25040-1	1.50-2.50 / 16-14	4.0	22.0	4.9	11.0	100/1000
<span style="color: blue;">■</span> PVCC-25050-1		5.0	22.5			
<span style="color: yellow;">■</span> PVCC-55040-1	4.00-6.00 / 12-10	4.0	26.0	6.5	14.0	50/500
<span style="color: yellow;">■</span> PVCC-55050-1		5.0				

### Cilíndricos hembra totalmente aislados



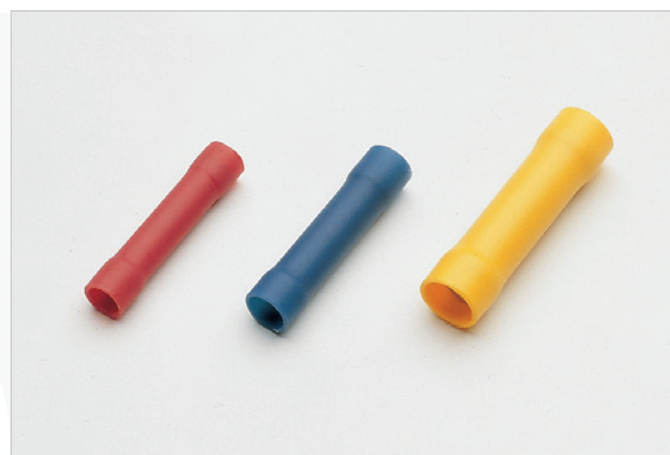
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	b	L	D	E	
<span style="color: red;">■</span> PVCC-15039	0.50-1.50 / 20-16	4.6	5.8	24.0	4.7	10.5	100/1000
<span style="color: blue;">■</span> PVCC-25039	1.50-2.50 / 16-14	4.6	6.2	24.5	4.9	11.0	100/1000
<span style="color: blue;">■</span> PVCC-25049		5.6					
<span style="color: yellow;">■</span> PVCC-55039	4.00-6.00 / 12-10	4.6	8.2	28.0	6.5	14.0	50/500
<span style="color: yellow;">■</span> PVCC-55049		5.6					

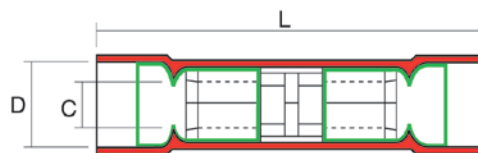


# PVC con casquillo

Empalmes punta a punta



75° / 600 V / PVC / Cu



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	C	D	L	
<span style="color: red;">■</span> PVCC-15017	0.50-1.50 / 20-16	1.8	4.2	26.2	100/1000
<span style="color: blue;">■</span> PVCC-25023	1.50-2.50 / 16-14	2.7	5.0	27.3	100/1000
<span style="color: yellow;">■</span> PVCC-55034	4.00-6.00 / 12-10	3.4	6.8	31.5	50/500

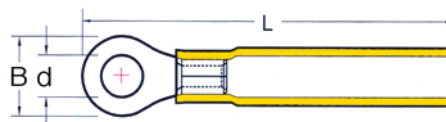


# Con aislante termorretráctil sin casquillo

## Redondos



105° / 600 V / PA-PE / Cu



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	
■ SB-15032	0.50-1.50 / 20-16	3.2	5.5	22.2	100/1000
■ SB-15037		3.7	5.5	22.2	
■ SB-15043		4.3	6.6	25.1	
■ SB-15053		5.3	8.0	26.5	
■ SB-15064		6.4	11.6	32.2	
■ SB-15084		8.4	11.6	32.2	
■ SB-15105		10.5	13.7	36.2	
■ SB-25032	1.50-2.50 / 16-14	3.2	6.6	24.9	100/1000
■ SB-25037		3.7	6.6	24.9	
■ SB-25043		4.3	8.5	27.3	
■ SB-25053		5.3	9.5	27.3	
■ SB-25064		6.4	12.0	31.7	
■ SB-25084		8.4	12.0	31.7	
■ SB-25105		10.5	13.7	36.0	
■ SB-55043	4.00-6.00 / 12-10	4.3	7.4	32.0	50/500
■ SB-55053		5.3	9.5	32.7	
■ SB-55064		6.4	12.0	39.0	
■ SB-55084		8.4	15.0	41.2	
■ SB-55105		10.5	15.0	41.2	
■ SB-55130		13.0	19.2	46.0	



# Con aislante termorretráctil sin casquillo

Horquillas


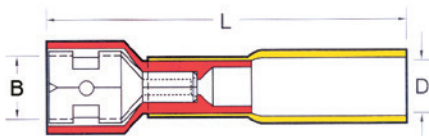







Art.	mm <sup>2</sup> /AWG	d	B	L	
<b>SB-15032-A</b> <b>SB-15037-A</b> <b>SB-15037-1A</b> <b>SB-15043-A</b> <b>SB-15043-1A</b> <b>SB-15053-A</b> <b>SB-15064-A</b> <b>SB-15064-1A</b> <b>SB-15084-A</b> <b>SB-15105-A</b>	0.50-1.50 / 20-16	3.2 3.7 3.7 4.3 4.3 5.3 6.4 6.4 8.4 10.5	5.7 6.2 5.7 7.2 6.4 8.0 10.7 9.3 13.5 15.0	26.9 26.9 26.9 26.9 26.9 26.9 27.9 27.9 33.0 33.4	100/1000
<b>SB-25032-A</b> <b>SB-25037-A</b> <b>SB-25037-1A</b> <b>SB-25043-A</b> <b>SB-25043-1A</b> <b>SB-25053-A</b> <b>SB-25064-A</b> <b>SB-25064-1A</b> <b>SB-25084-A</b>	1.50-2.50 / 16-14	3.2 3.7 3.7 4.3 4.3 5.3 6.4 6.4 8.4	5.7 6.2 5.7 7.2 6.4 8.0 10.7 9.3 13.5	26.5 26.5 26.5 26.5 26.5 26.5 27.5 27.5 32.6	100/1000
<b>SB-55032-A</b> <b>SB-55037-A</b> <b>SB-55037-1A</b> <b>SB-55043-A</b> <b>SB-55043-1A</b> <b>SB-55053-A</b> <b>SB-55064-A</b> <b>SB-55064-1A</b> <b>SB-55084-A</b>	4.00-6.00 / 12-10	3.2 3.7 3.7 4.3 4.3 5.3 6.4 6.4 8.4	7.3 8.10 6.3 8.2 6.3 9.0 12.0 9.0 13.5	33.0 33.0 33.0 33.0 33.0 33.0 36.5 36.5 38.5	50/500




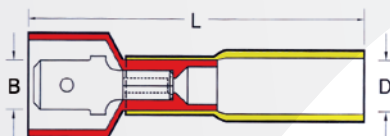


## Con aislante termorretráctil sin casquillo

### Enchufables hembra totalmente aislados

							<b>105° / 300 V / PA-PE / Cu-Zn</b>	
Art.	mm <sup>2</sup> /AWG	 	B	D	L		Medidas en mm.	

 <b>SB-15063-3</b>	0.50-1.50 / 20-16	6.3 x 0.8	6.6	6.5	38.5	100/500		
 <b>SB-25063-3</b>	1.50-2.50 / 16-14	6.3 x 0.8	6.6	6.5	38.5	100/500		
 <b>SB-55063-3</b>	4.00-6.00 / 12-10	6.3 x 0.8	6.6	7.5	40.0	50/500		

### Enchufables macho totalmente aislados

							<b>105° / 300 V / PA-PE / Cu-Zn</b>	
Art.	mm <sup>2</sup> /AWG	B	D	L			Medidas en mm.	


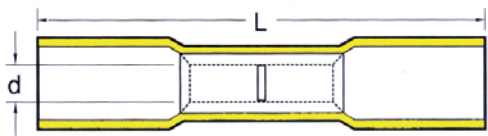
 <b>SB-15635-3</b>	0.50-1.50 / 20-16	6.3 x 0.8	6.5	40.0	CR-951	100/500		
 <b>SB-25635-3</b>	1.50-2.50 / 16-14	6.3 x 0.8	6.5	42.0	CR-952	100/500		
 <b>SB-55635-3</b>	4.00-6.00 / 12-10	6.3 x 0.8	7.5	42.5	CR-953	50/500		




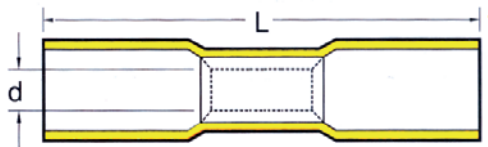


# Con aislante termorretráctil sin casquillo

Empalmes punta a punta

		<b>105° / 600 V / PA-PE / Cu</b>		
				
		Medidas en mm.		
Art.	mm <sup>2</sup> /AWG	d	L	
■ SB-2216	0.50-1.50 / 20-16	2.1	36.0	100/1000
■ SB-2216-T		1.9		
■ SB-1614	1.50-2.50 / 16-14	2.7	36.0	100/500
■ SB-1614-T		2.5		
■ SB-1210	4.00-6.00 / 12-10	4.0	42.0	25/250
■ SB-1210-T		3.6		

Empalmes paralelos

		<b>105° / 600 V / PA-PE / Cu</b>		
				
		Medidas en mm.		
Art.	mm <sup>2</sup> /AWG	d	L	
■ SB-1.25T	0.50-1.50 / 20-16	1.7	35.0	100/1000
■ SB-2T	1.50-2.50 / 16-14	2.4	35.0	100/500
■ SB-5.5T	4.00-6.00 / 12-10	3.6	35.0	25/250

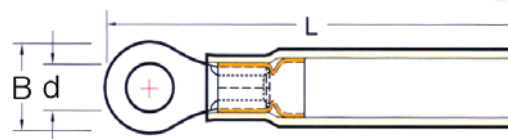


# Con aislante termorretráctil con casquillo

## Redondos



105° / 600 V / PA-PE / Cu



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	
■ SBC-15032	0.50-1.50 / 20-16	3.2	5.5	25.2	100/1000
■ SBC-15037		3.7	5.5	25.2	
■ SBC-15037-1		3.7	6.6	28.1	
■ SBC-15043		4.3	8.0	29.5	
■ SBC-15043-1		4.3	6.6	28.1	
■ SBC-15053		5.3	8.0	29.5	
■ SBC-15064		6.4	11.6	35.2	
■ SBC-15084		8.4	11.6	35.2	
■ SBC-15105		10.5	13.7	39.2	
■ SBC-15130		13.0	19.0	42.1	
■ SBC-25032	1.50-2.50 / 16-14	3.2	6.6	27.9	100/1000
■ SBC-25032-1		3.2	8.5	30.3	
■ SBC-25037		3.7	6.6	27.9	
■ SBC-25037-1		3.7	8.5	30.3	
■ SBC-25043		4.3	8.5	30.3	
■ SBC-25043-1		4.3	6.6	27.9	
■ SBC-25053		5.3	9.5	30.2	
■ SBC-25053-1		5.3	8.5	30.3	
■ SBC-25064		6.4	12.0	34.7	
■ SBC-25084		8.4	12.0	34.7	
■ SBC-25105		10.5	13.7	39.0	
■ SBC-25130		13.0	19.0	42.2	
■ SBC-55032	4.00-6.00 / 12-10	3.2	9.5	38.0	50/500
■ SBC-55037		3.7	9.5	38.0	
■ SBC-55043		4.3	9.5	38.0	
■ SBC-55043-1		4.3	7.4	38.0	
■ SBC-55053		5.3	9.5	38.0	
■ SBC-55053-1		5.3	7.4	37.3	
■ SBC-55064		6.4	12.0	44.3	
■ SBC-55084		8.4	15.0	45.5	
■ SBC-55105		10.5	15.0	45.5	
■ SBC-55130		13.0	19.2	51.3	

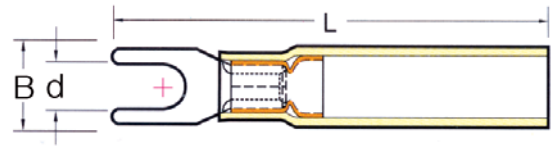


# Con aislante termorretráctil con casquillo

Horquillas



105° / 600 V / PA-PE / Cu



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	d	B	L	
■ SBC-15032-A	0.50-1.50 / 20-16	3.2	5.7	29.9	100/1000
■ SBC-15037-A		3.7	6.2	29.9	
■ SBC-15037-1A		3.7	5.7	29.9	
■ SBC-15043-A		4.3	7.2	29.9	
■ SBC-15043-1A		4.3	6.4	29.9	
■ SBC-15053-A		5.3	8.0	29.9	
■ SBC-15064-A		6.4	10.7	30.9	
■ SBC-15064-1A		6.4	9.3	30.9	
■ SBC-15084-A		8.4	13.5	36.0	
■ SBC-15105-A		10.5	15.0	36.4	
■ SBC-25032-A	1.50-2.50 / 16-14	3.2	5.7	29.5	100/1000
■ SBC-25037-A		3.7	6.2	29.5	
■ SBC-25037-1A		3.7	5.7	29.5	
■ SBC-25043-A		4.3	7.2	29.5	
■ SBC-25043-1A		4.3	6.4	29.5	
■ SBC-25053-A		5.3	8.0	29.5	
■ SBC-25064-A		6.4	10.7	30.5	
■ SBC-25064-1A		6.4	9.3	30.5	
■ SBC-25084-A		8.4	13.5	35.6	
■ SBC-55032-A	4.00-6.00 / 12-10	3.2	7.3	36.0	50/500
■ SBC-55037-A		3.7	8.1	36.0	
■ SBC-55037-1A		3.7	6.3	36.0	
■ SBC-55043-A		4.3	8.1	36.0	
■ SBC-55043-1A		4.3	6.3	36.0	
■ SBC-55053-A		5.3	9.0	36.0	
■ SBC-55064-A		6.4	12.0	39.5	
■ SBC-55064-1A		6.4	9.0	39.5	
■ SBC-55084-A		8.4	13.5	41.5	

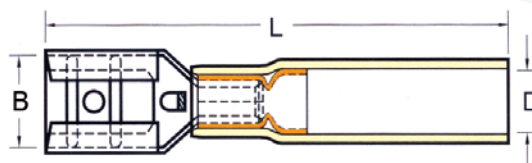


## Con aislante termorretráctil con casquillo







### Enchufables hembra



105° / 300 V / PA-PE / Cu-Zn



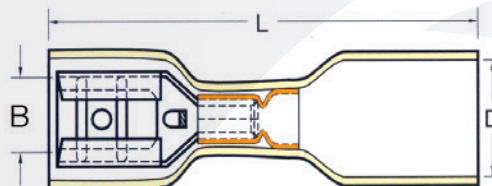
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	 	B	D	L	
 <b>SBC-15063</b>	0.50-1.50 / 20-16	6.3 x 0.8	6.6	5.5	34.0	100/500
 <b>SBC-25063</b>	1.50-2.50 / 16-14	6.3 x 0.8	6.6	6.0	34.0	100/500
 <b>SBC-55063</b>	4.00-6.00 / 12-10	6.3 x 0.8	6.6	8.1	35.0	50/500






### Enchufables hembra totalmente aislados



105° / 300 V / PA-PE / Cu-Zn



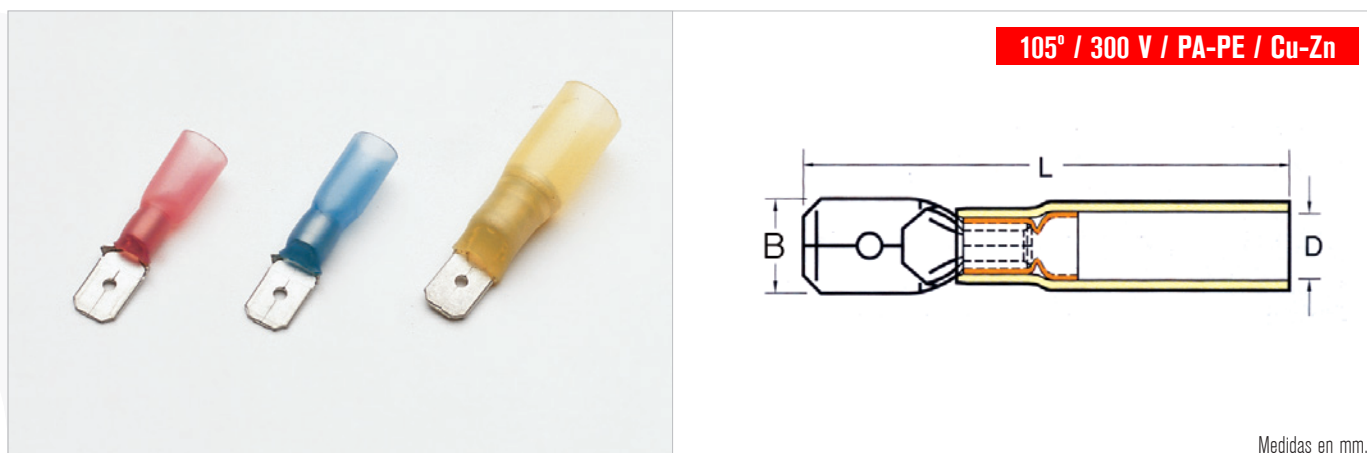
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	 	B	D	L	
 <b>SBC-15063-2</b>	0.50-1.50 / 20-16	6.3 x 0.8	6.8	6.5	28.0	100/500
 <b>SBC-25063-2</b>	1.50-2.50 / 16-14	6.3 x 0.8	6.8	6.5	28.0	100/500
 <b>SBC-55063-2</b>	4.00-6.00 / 12-10	6.3 x 0.8	6.8	7.5	28.0	50/500



# Con aislante termorretráctil con casquillo

Enchufables macho



105° / 300 V / PA-PE / Cu-Zn

Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	D	L	
<span style="color: red;">■</span> SBC-15635	0.50-1.50 / 20-16	6.3 x 0.8	5.5	34.0	100/500
<span style="color: blue;">■</span> SBC-25635	1.50-2.50 / 16-14	6.3 x 0.8	6.0	34.0	100/500
<span style="color: yellow;">■</span> SBC-55635	4.00-6.00 / 12-10	6.3 x 0.8	8.1	35.0	50/500

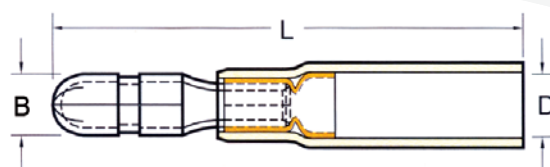


## Con aislante termorretráctil con casquillo

### Cilíndricos macho



105° / 300 V / PA-PE / Cu-Zn



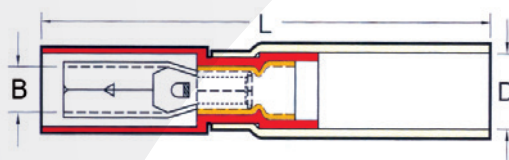
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	D	L	
<span style="color: red;">■</span> SBC-15040-1	0.50-1.50 / 20-16	4.0	5.5	35.0	100/1000
<span style="color: blue;">■</span> SBC-25040-1	1.50-2.50 / 16-14	4.0	6.0	33.0	100/500
<span style="color: blue;">■</span> SBC-25050-1		5.0			
<span style="color: yellow;">■</span> SBC-55050-1	4.00-6.00 / 12-10	5.0	8.1	33.5	50/500

### Cilíndricos hembra totalmente aislados



105° / 300 V / PA-PE / Cu-Zn

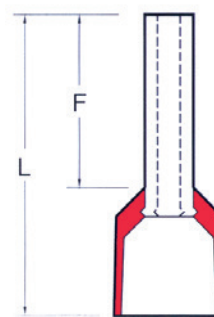
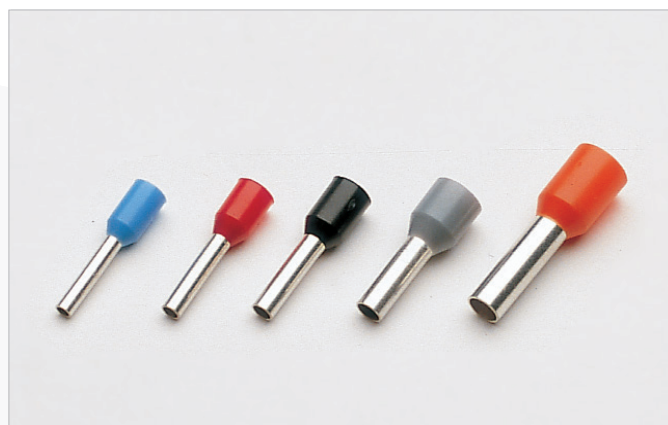


Medidas en mm.

Art.	mm <sup>2</sup> /AWG	B	D	L	
<span style="color: red;">■</span> SBC-15039	0.50-1.50 / 20-16	4.6	6.5	40.2	100/500
<span style="color: blue;">■</span> SBC-25039	1.50-2.50 / 16-14	4.6	7.5	42.5	100/500
<span style="color: blue;">■</span> SBC-25049		5.6			
<span style="color: yellow;">■</span> SBC-55049	4.00-6.00 / 12-10	5.6	8.1	43.5	50/500



# Punteras



105° / PP / Cu

Medidas en mm.

Art.	Art. (DIN 46228/4)	mm <sup>2</sup> /AWG	L	F	
TE-0.14 *	--	0.14 / 26	10.0	6.0	100
TE-0.14-L	--		12.0	8.0	
TE-0.25 *	PD-0.25	0.25 / 24	10.0	6.0	100
TE-0.25-L	PD-0.25-L		12.0	8.0	
TE-0.34 *	PD-0.34	0.34 / 22	10.0	6.0	100
TE-0.34-L	PD-0.34-L		12.0	8.0	
TE-0.50-K	PD-0.50-K	0.50 / 20	12.0	6.0	100
TE-0.50 *	PD-0.50		14.0	8.0	
TE-0.50-HL	PD-0.50-HL		16.0	10.0	
TE-0.75-K	PD-0.75-K	0.75 / 18	12.0	6.0	100
TE-0.75 *	PD-0.75		14.0	8.0	
TE-0.75-HL	PD-0.75-HL		16.0	10.0	
TE-0.75-L	PD-0.75-L		18.0	12.0	
TE-1.00-K	PD-1.00-K	1.00 / 17	12.0	6.0	100
TE-1.00 *	PD-1.00		14.0	8.0	
TE-1.00-HL	PD-1.00-HL		16.0	10.0	
TE-1.00-L	PD-1.00-L		18.0	12.0	
TE-1.50-K	PD-1.50-K	1.50 / 16	12.0	6.0	100
TE-1.50 *	PD-1.50		14.0	8.0	
TE-1.50-HL	PD-1.50-HL		16.0	10.0	
TE-1.50-HLS	PD-1.50-HLS		18.0	12.0	
TE-1.50-L	PD-1.50-L		24.0	18.0	
TE-2.50 *	PD-2.50	2.50 / 14	14.0	8.0	100
TE-2.50-HLS	PD-2.50-HLS		16.0	10.0	
TE-2.50-HL	PD-2.50-HL		18.0	12.0	
TE-2.50-L	PD-2.50-L		24.0	18.0	
TE-4.00 *	PD-4.00	4.00 / 12	17.0	10.0	100
TE-4.00-HL	PD-4.00-HL		20.0	12.0	
TE-4.00-L	PD-4.00-L		26.0	18.0	
TE-6.00 *	PD-6.00	6.00 / 10	20.0	12.0	100
TE-6.00-L	PD-6.00-L		26.0	18.0	
TE-10.00 *	PD-10.00	10.00 / 8	22.0	12.0	100
TE-10.00-L	PD-10.00-L		28.0	18.0	

\* Disponible en bolsa neutra. Añadir el sufijo **-N** a la referencia.

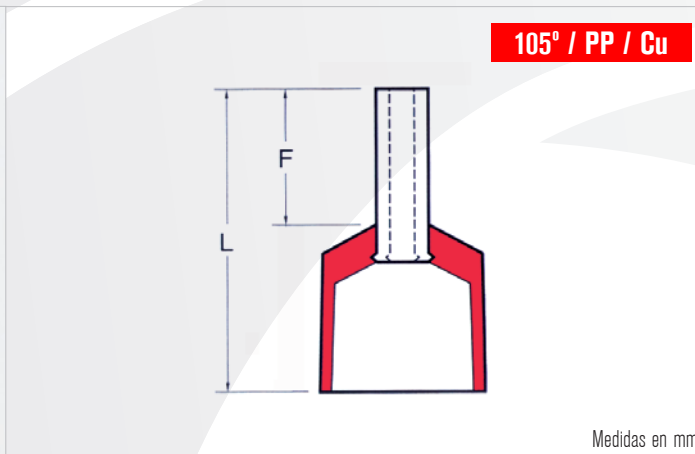


Medidas en mm.

Art.	Art. (DIN 46228/4)	mm <sup>2</sup> /AWG	L	F	
TE-16.00 *	PD-16.00	16.00 / 6	24.0	12.0	100
TE-16.00-L	PD-16.00-L		28.0	18.0	
TE-25.00 *	PD-25.00	25.00 / 4	30.0	16.0	50
TE-25.00-HL	PD-25.00-HL		30.0	18.0	
TE-25.00-L	PD-25.00-L		36.0	22.0	
TE-35.00 *	PD-35.00	35.00 / 2	30.0	16.0	50
TE-35.00-HL	PD-35.00-HL		30.0	18.0	
TE-35.00-L	PD-35.00-L		39.0	25.0	
TE-50.00 *	PD-50.00	50.00 / 1	36.0	20.0	50
TE-50.00-L	PD-50.00-L		40.0	25.0	
TE-70.00 *	PD-70.00	70.00 / 2/0	37.0	21.0	25
TE-95.00 *	PD-95.00	95.00 / 3/0	44.0	25.0	25
TE-120.00 *	PD-120.00	120.00 / 4/0	48.0	27.0	25
TE-150.00 *	PD-150.00	150.00 / 250MCM	58.0	32.0	25

\* Disponible en bolsa neutra. Añadir el sufijo **-N** a la referencia.

Para cables con aislante doble



Art.	Art. (DIN 46228/4)	mm <sup>2</sup> /AWG	L	F	
TE-1508-XL	PD-1508-XL	1.50 / 16	17.4	8.0	100
TE-1510-XL	PD-1510-XL		19.4	10.0	
TE-2508-XL	PD-2508-XL	2.50 / 14	17.6	8.0	100
TE-2512-XL	PD-2512-XL		21.6	12.0	
TE-4010-XL	PD-4010-XL	4.00 / 12	19.5	10.0	100
TE-6012-XL	PD-6012-XL	6.00 / 10	23.1	12.0	100
TE-1012-XL	PD-1012-XL	10.00 / 8	23.7	12.0	100
TE-1612-XL	PD-1612-XL	16.00 / 6	25.8	12.0	100



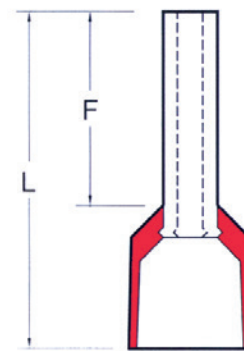
# Punteras

TE envasados industriales



Art.		Art.	
TE-0.14/500	500	TE-4.00/500	500
TE-0.25/500	500	TE-6.00/500	500
TE-0.34/500	500	TE-10.00/250	250
TE-0.50/500	500	TE-16.00/250	250
TE-0.75/500	500	TE-25.00/100	100
TE-1.00/500	500	TE-35.00/100	100
TE-1.50/500	500	TE-50.00/100	100
TE-2.50/500	500		

Tira de 50 piezas

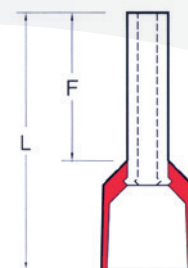
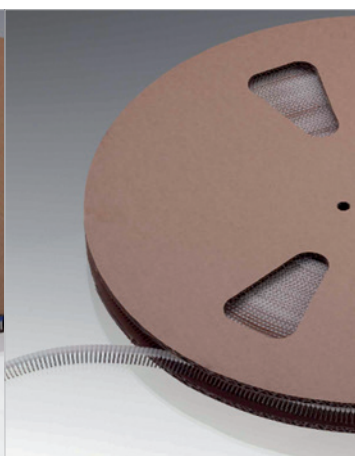
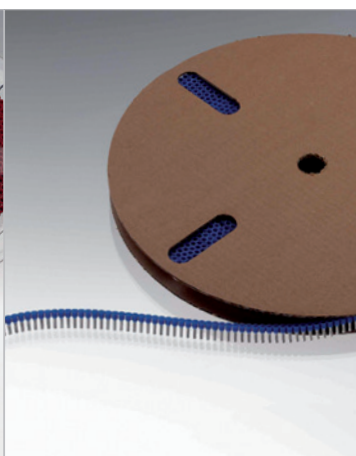
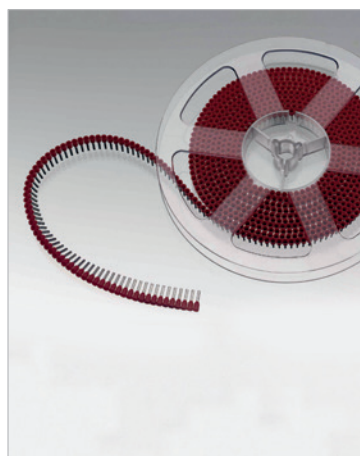


Medidas en mm.

Art.	mm <sup>2</sup> /AWG	L	F	
PDB-0.50	0.50 / 20	14.0	8.0	10x50
PDB-0.75	0.75 / 18	14.0	8.0	10x50
PTB-0.75				
PDB-1.00	1.00 / 17	14.0	8.0	10x50
PDB-1.50	1.50 / 16	14.0	8.0	10x50
PDB-2.50	2.50 / 14	14.0	8.0	10x50
PTB-2.50				



En bobina



Medidas en mm.

Art. Petit		Art. Médiane		Art. Grande		mm <sup>2</sup> /AWG	L	F
BK-310	1100	BC-310	4000	BM-310	10000	0.50 / 20	12.0	8.0
BK-210		BC-210		BM-210				
BK-315	1100	BC-315	4000	BM-315	10000	0.75 / 18	12.0	8.0
BK-215		BC-215		BM-215				
BK-115		BC-115		BM-115				
BK-320	800	BC-320	3500	BM-320	7500	1.00 / 17	12.0	8.0
BK-220		BC-220		BM-220				
BK-330	800	BC-330	3000	BM-330	7500	1.50 / 16	12.0	8.0
BK-230		BC-230		BM-230				
BK-340	500	BC-340	2500	BM-340	5000	2.50 / 14	14.0	8.0
BK-140		BC-140		BM-140				

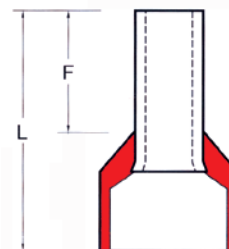


## Punteras

Dobles



105° / PP / Cu



Medidas en mm.

Art.	Art. (DIN 46228/4)	mm <sup>2</sup> /AWG	L	F	
TU0-2X0.25		0.25 / 24	15.0	8.0	500
TU0-2X0.34		0.34 / 22	15.0	8.0	100
TU0-2X0.50	DU0-2X0.50 *	0.50 / 20	15.0	8.0	100
TU0-2X0.75	DU0-2X0.75 *	0.75 / 18	15.0	8.0	100
TU0-2X0.75-L	DU0-2X0.75-L		17.0	10.0	
TU0-2X1.00	DU0-2X1.00 *	1.00 / 17	15.0	8.0	100
TU0-2X1.00-L	DU0-2X1.00-L		17.0	10.0	
TU0-2X1.50	DU0-2X1.50 *	1.50 / 16	16.0	8.0	100
TU0-2X1.50-L	DU0-2X1.50-L		20.0	12.0	
TU0-2X2.50	DU0-2X2.50 *	2.50 / 14	18.5	10.0	100
TU0-2X2.50-L	DU0-2X2.50-L		21.5	13.0	
TU0-2X4.00	DU0-2X4.00 *	4.00 / 12	23.0	12.0	100
TU0-2X6.00	DU0-2X6.00 *	6.00 / 10	26.0	14.0	100
TU0-2X10.00	DU0-2X10.00 *	10.00 / 8	26.0	14.0	100
TU0-2X16.00	DU0-2X16.00 *	16.00 / 6	30.0	14.0	100

\* Disponible en bolsa neutra. Añadir el sufijo **-N** a la referencia.

DUO envasados industriales




Art.	
DU0-2X0.50/500	500
DU0-2X0.75/500	500
DU0-2X1.00/500	500
DU0-2X1.50/500	500
DU0-2X2.50/500	500
DU0-2X4.00/500	500
DU0-2X6.00/500	500
DU0-2X10.0/250	250
DU0-2X16.0/250	250

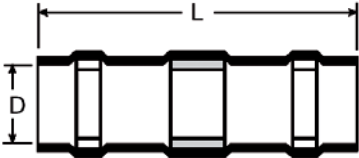




## Empalmes a soldar




**105° / 600 V / PVDF / Sn**

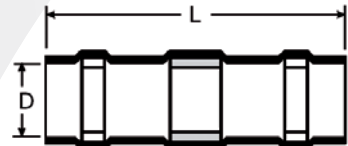


Medidas en mm.

Art.	mm <sup>2</sup> /AWG	L	D	
SBS-91-TE	0.14-0.50 / 26-20	26.0	1.7	100/1000
SBS-92-TE	0.50-1.50 / 20-16	42.0	2.7	100/1000
SBS-93-TE	1.50-2.50 / 16-14	42.0	4.5	100/1000
SBS-94-TE	4.00-6.00 / 12-10	42.0	6.0	50/500
SBS-95-TE	6.00-10.00 / 10-8	42.0	7.0	50/500



**105° / 600 V / PVDF / Sn**



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	L	D	
SBS-91-R	0.14-0.50 / 26-20	26.0	1.7	100/1000
SBS-92-R	0.50-1.50 / 20-16	42.0	2.7	100/1000
SBS-93-R	1.50-2.50 / 16-14	42.0	4.5	100/1000
SBS-94-R	4.00-6.00 / 12-10	42.0	6.0	50/500
SBS-95-R	6.00-10.00 / 10-8	42.0	7.0	50/500



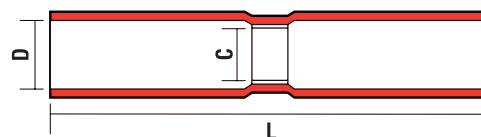


# Miscelánea

## Empalmes a soldar



105° / 600 V / PE / Sn



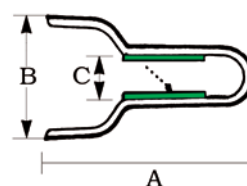
Medidas en mm.

Art.	mm <sup>2</sup> /AWG	C	D	L	
□ SBS-0.5	0.14-0.34 / 26-22	2.5	3.5	25.0	100/1000
■ SBS-1	0.50-1.50 / 20-16	4.2	5.5	37.0	100/500
■ SBS-2	1.50-2.50 / 16-14	4.7	6.4	37.0	100/500
■ SBS-5	4.00-6.00 / 12-10	7.1	8.0	42.0	50/250

## Empalmes ciegos



105° / 300 V / PA / Al

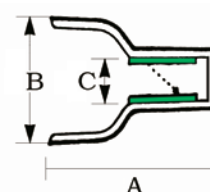


Medidas en mm.

Art.	mm <sup>2</sup> /AWG	A	B	C	
□ NCE-1	0.50-1.50 / 20-16	18.1	6.7	2.4	100/1000
□ NCE-2	1.50-2.50 / 16-14	20.0	8.3	3.0	100/1000
□ NCE-5	2.50-6.00 / 14-10	25.5	10.5	4.0	100/1000
□ NCE-8	4.00-10.00 / 12-8	27.5	12.0	4.8	50/500



105° / 300 V / PA / Cu

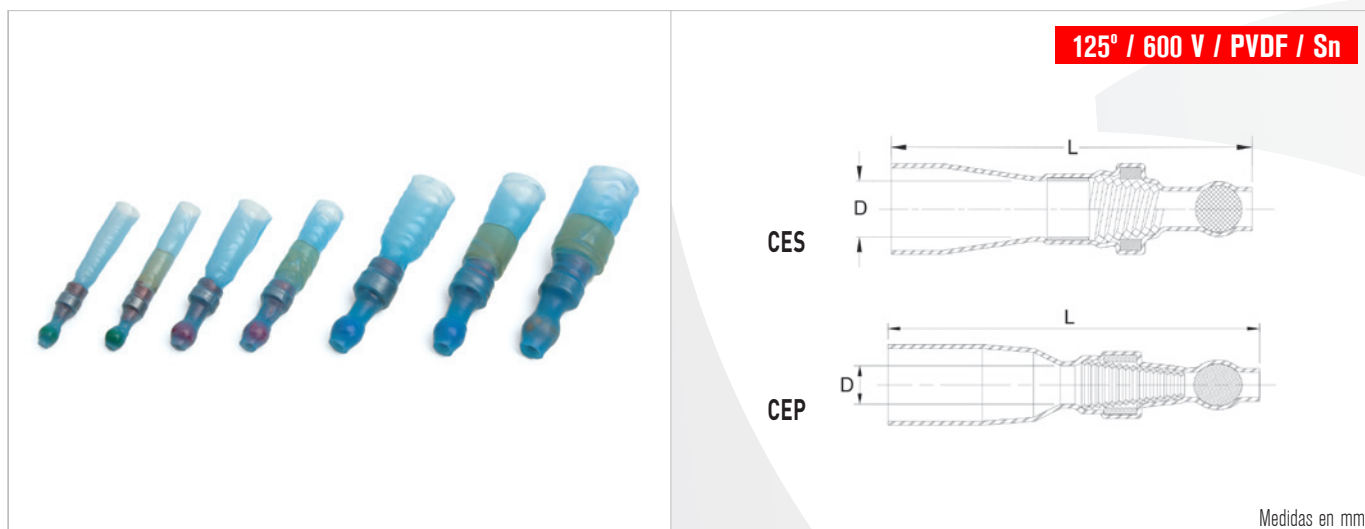










Medidas en mm.

Art.	mm <sup>2</sup> /AWG	A	B	C	
□ NCE-1-1	0.50-1.50 / 20-16	15.5	6.0	2.4	100/1000
□ NCE-2-1	1.50-2.50 / 16-14	15.5	8.3	3.0	100/1000
□ NCE-5-1	2.50-6.00 / 14-10	18.0	11.2	4.0	50/500
□ NCE-8-1	4.00-10.00 / 12-8	22.0	14.2	4.8	50/500



## Conectores ciegos a soldar



Art.	mm <sup>2</sup>	L	D	
 CES-1	0.70-2.40	38.3	3.6	50/500
 CES-2	2.00-4.00	37.7	5.0	50/500
 CES-5	3.50-8.00	45.5	7.5	25/250
 CES-8	7.50-12.00	45.0	9.4	25/250
 CEP-1	0.70-2.40	38.3	3.1	50/500
 CEP-2	2.00-4.00	37.7	3.9	50/500
 CEP-5	3.50-9.00	44.5	5.35	25/250
 CEP-8	7.50-5.00	45.5	7.15	25/250



# Miscelánea

## Conectores ciegos a rosca



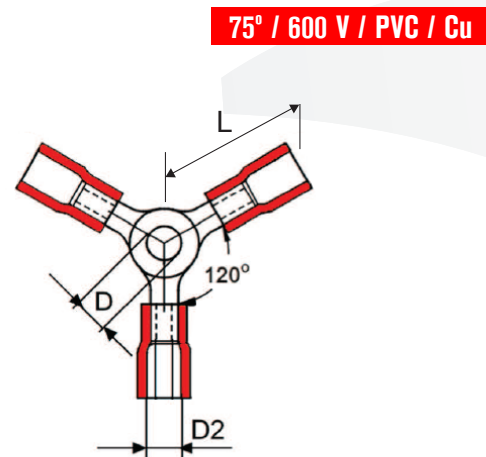
Art.	B	C	E	
■ SW-71B	6.5	8.6	15.2	100/1000
■ SW-72B	7.1	9.9	17.7	100/1000
■ SW-73B	9.7	12.7	22.0	100/1000
■ SW-74B	11.0	14.0	24.6	100/1000
■ SW-76B	13.1	16.3	26.5	100/1000



Art.	B	C	E	
■ SW-Y11	9.8	18.2	25.8	100
■ SW-Y12	13.05	23.0	31.8	100
■ SW-Y13	14.9	25.5	33.3	100
■ SW-Y14	17.9	31.8	40.0	100

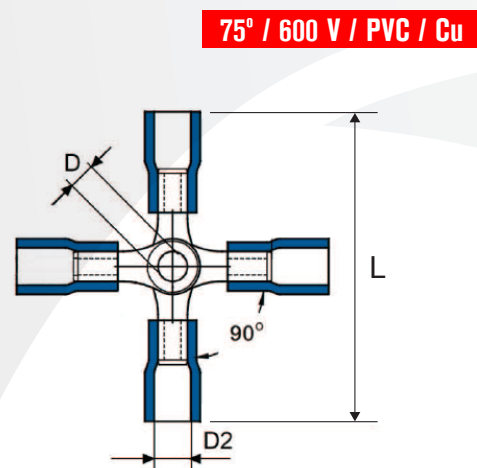


## Terminales aislados PVC 3 y 4 vías



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	D	L	D2	
■ 3-PVC-15043	0.50-1.50 / 20-16	4.0	17.0	4.0	100
■ 3-PVC-25043	1.50-2.50 / 16-14	4.0	18.0	4.5	100
■ 3-PVC-55043	4.00-6.00 / 12-10	4.0	22.0	6.3	50



Medidas en mm.

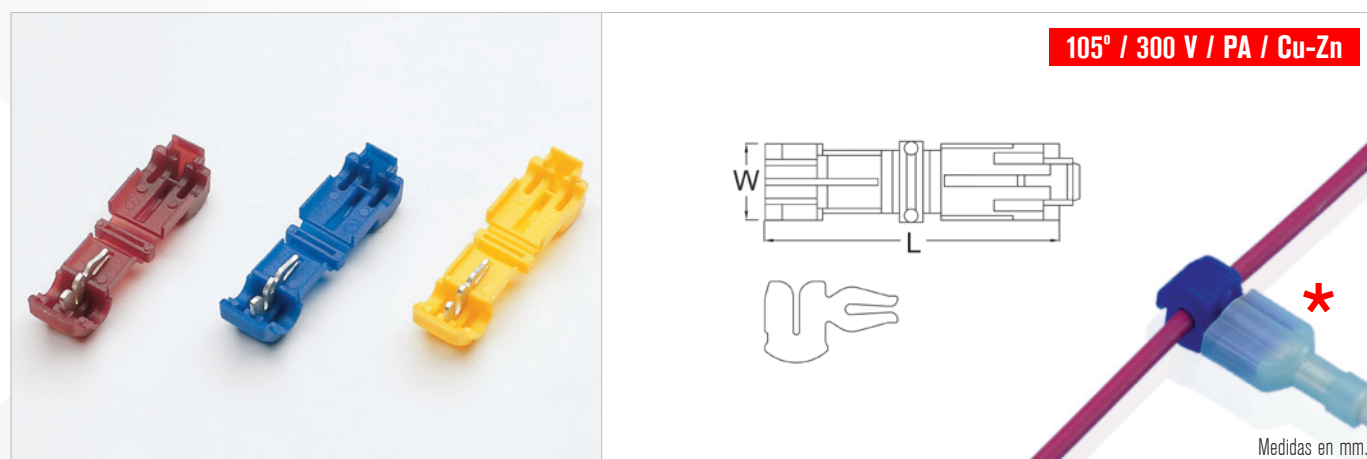
Art.	mm <sup>2</sup> /AWG	D	L	D2	
■ 4-PVC-15043	0.50-1.50 / 20-16	4.0	34.0	4.0	100
■ 4-PVC-25043	1.50-2.50 / 16-14	4.0	35.5	4.5	100
■ 4-PVC-55043	4.00-6.00 / 12-10	4.0	43.5	6.3	50



## Conectores rápidos



Art.	mm <sup>2</sup> /AWG	W	L	
■ CR-100	0.50-1.50 / 20-16	20.0	27.0	100/1000
■ CR-250	1.50-2.50 / 16-14	20.0	27.0	100/1000
■ CR-600	4.00-6.00 / 12-10	21.0	34.5	50/500

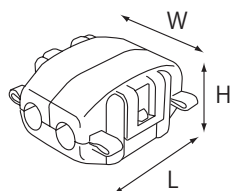
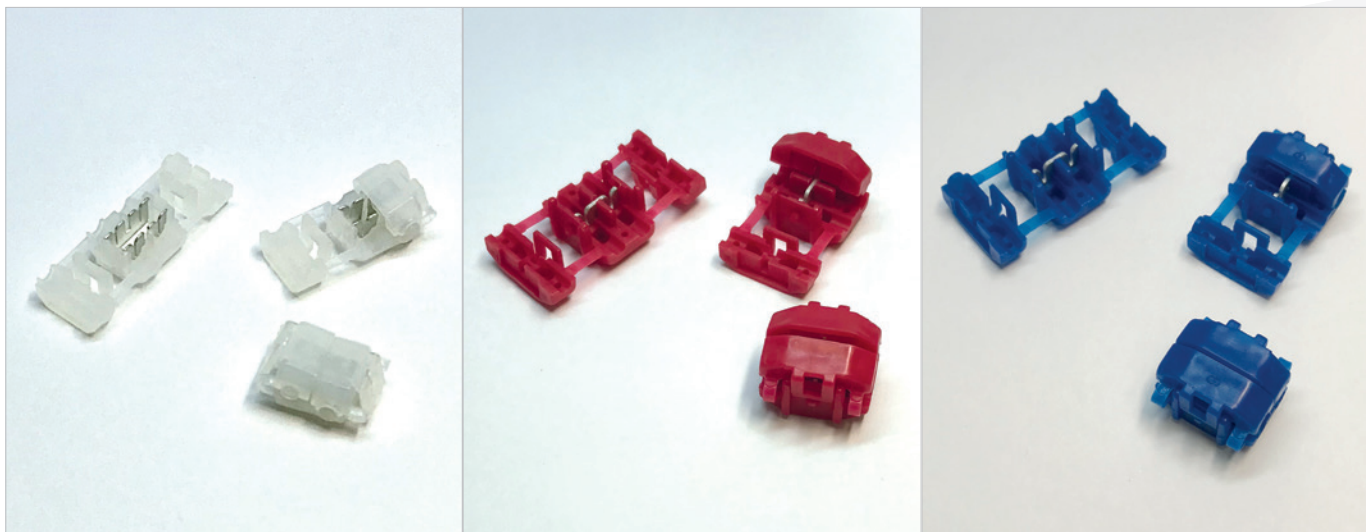


Art.	mm <sup>2</sup> /AWG	W	L	*	
■ CR-951	0.50-1.50 / 20-16	10.0	38.0	EF-15635-3	100/1000
■ CR-952	1.50-2.50 / 16-14	10.0	38.0	EF-25635-3	100/1000
■ CR-953	4.00-6.00 / 12-10	10.0	38.0	EF-55635-3	50/500

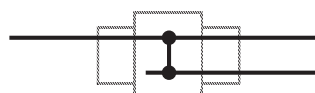


# Miscelánea

## Conectores rápidos



75° / 300 V / PP / Cu-Zn



Medidas en mm.

Art.	mm <sup>2</sup> /AWG	W	L	H	
□ SPTV-05	0.25-0.50 / 24-20	15.0	11.0	7.0	100/1000
■ SPTV-09	0.50-0.75 / 20-18	19.5	18.0	10.0	100/1000
■ SPTV-20	1.50-2.50 / 16-14	19.5	18.0	10.0	100/1000



PE

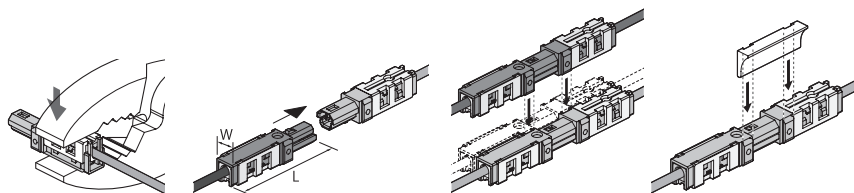
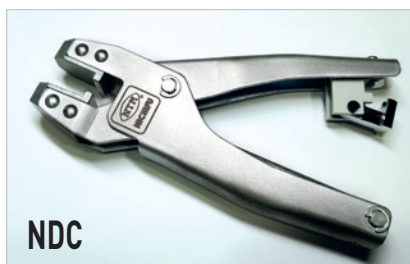
Art.	Max. mm	AWG	
UY-2	2.1	19-26	100





# Miscelánea

## Conectores rápidos



Medidas en mm.



**105° / 100 V / PA**

Art.	mm <sup>2</sup> /AWG	W	L	
<b>NDC-3026</b>	0.05-0.14 30-26	3.2	16.5	20/200

Medidas en mm.



**120° / 100 V / PC**

Art.	mm <sup>2</sup> /AWG	W	L	
<b>NDC-2824</b>	0.10-0.25 28-24	5.8	25.9	20/200

Medidas en mm.



**120° / 100 V / PC**

Art.	mm <sup>2</sup> /AWG	W	L	
<b>NDC-2420</b>	0.25-0.50 24-20	5.8	25.9	20/200

Medidas en mm.



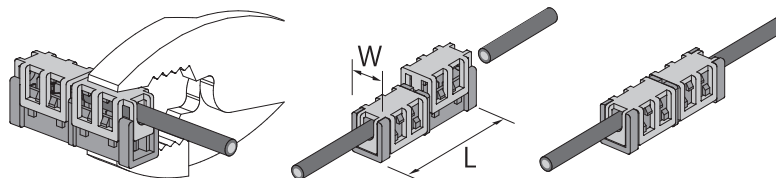
**120° / 300 V / PC**

Art.	mm <sup>2</sup> /AWG	W	L	
<b>NDC-2018-A</b>	0.50-0.75 20-18	7.8	26.0	20/200



# Miscelánea

## Conectores rápidos



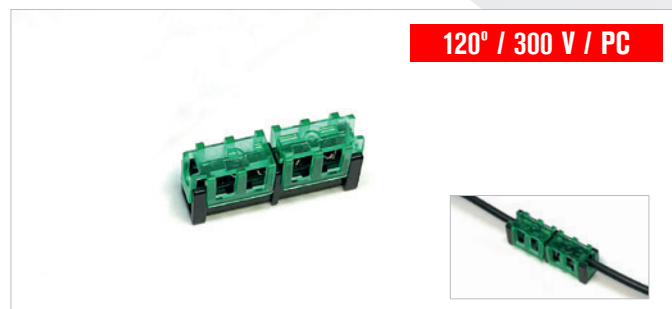
Medidas en mm.



120° / 100 V / PC

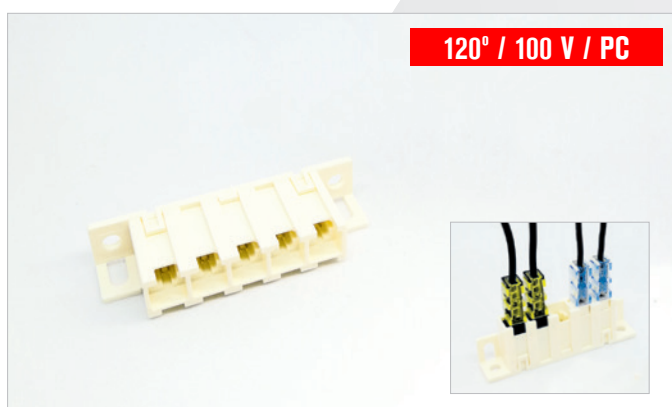
Art.	mm <sup>2</sup> /AWG	W	L	
NDB-2420	0.25-0.50 24-20	5.6	30.8	20/200

Medidas en mm.



120° / 300 V / PC

Art.	mm <sup>2</sup> /AWG	W	L	
NDB-2018	0.50-0.75 20-18	7.5	25.2	20/200

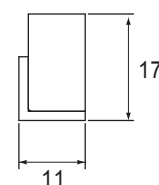
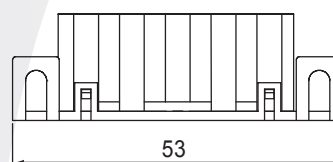


120° / 100 V / PC

Art. NDC-TB

Para NDC-2824 / NDC-2420

5



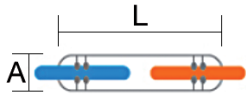



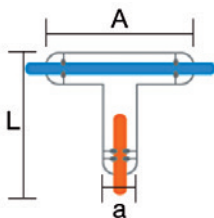
Medidas en mm.


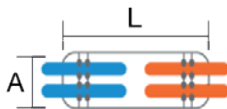


# Miscelánea

## Conectores rápidos

80° / 600 V / PC						
  						
Medidas en mm.						
Art.	Puntos de conexión	Amp	mm <sup>2</sup> / AWG	L	A	
□ CRI-0.5	4	3	0.25-0.50 / 24-20	25.0	5.5	100 / 1000
■ CRI-1.0	4	10	0.75 / 18	30.0	6.1	50 / 500
■ CRI-1.5	6	15	1.50 / 16	30.0	7.1	50 / 500
■ CRI-2.5	6	20	2.50 / 14	36.0	7.6	25 / 250
■ CRI-4.0	6	30	4.00 / 12	40.0	10.3	10 / 100

80° / 600 V / PC						
  						
Medidas en mm.						
Art.	Puntos de conexión	Amp	mm <sup>2</sup> / AWG	L	A	a
□ CRT-0.5	4	3	0.25-0.50 / 24-20	25.0	14.0	5.5
■ CRT-1.0	4	10	0.75 / 18	30.0	16.0	6.1
■ CRT-1.5	6	15	1.50 / 16	31.0	15.7	7.3
■ CRT-2.5	6	20	2.50 / 14	37.0	18.2	7.7
■ CRT-4.0	6	30	4.00 / 12	42.0	20.0	10.4

80° / 600 V / PC						
 						
Medidas en mm.						
Art.	Puntos de conexión	Amp	mm <sup>2</sup> / AWG	L	A	
□ CRDI-0.5	4	3	0.25-0.50 / 24-20	18.0	8.5	100 / 1000
■ CRDI-1.0	4	10	0.75 / 18	23.0	10.5	50 / 500





## Estuches y envasados especiales



### Art. CS-25-A

 340x265x57 mm.

Contenido: 895 terminales aislados y 1 herramienta.



Art.		Art.	
PVCC-15063	50	PVC-15043	50
PVCC-15635	50	PVC-25043	50
PVCC-25063	50	PVC-55043	25
PVCC-25635	50	PVC-15053	50
PVCC-55063	25	PVC-25053	50
PVCC-55635	25	PVC-55053	25
PVCC-25048	50	PVC-15064	50
PVCC-25480	50	PVC-25064	50
PVCC-25079	50	PVC-55064	25
PVCC-55095	25	CR-100	10
PVCC-25635-1	25	CR-250	10
PVCC-25039	25	MEB-100	1
PVCC-25040-1	25		



### Art. CS-25-AMIXT

 340x265x57 mm.

Contenido: 925 terminales desnudos con garras, 700 terminales pre-aislados, 20 conectores rápidos y 125 protecciones para terminales desnudos.

Art.		Art.	
14408-00	100	CR-250	10
14412-00	100	PVC-15028	50
14648-00	100	PVC-15048	50
16422-00	100	PVC-15063	50
14327-00	100	PVC-25063	50
16432-00	100	PVC-55063	25
13372-00	100	PVC-25063-2	25
13374-00	100	PVC-15635	50
13378-00	100	PVC-25635	50
15222-00	25	PVC-25039	50
PH-1020	25	PVC-25040-1	50
PH-1021	25	PVC-25043	50
CS-63N004-02	25	PVC-25053	50
PH-1000	25	PVC-25064	50
PH-1010	25	PVC-25084	50
CR-100	10	PVC-25023	50





## Estuches y envasados especiales



### Art. CS-25-I-COMBI

 340x265x57 mm.

Contenido: 775 terminales aislados, 500 punteras y 2 herramientas.



Art.		Art.	
PVC-15043	50	PVC-25023	50
PVC-25043	50	PVC-55034	25
PVC-55043	25	PVC-15019-12	50
PVC-15053	50	PVC-25019-12	50
PVC-25053	50	PVC-55027	25
PVC-55053	25	NCE-2-1	25
PVC-15043-A	50	TE-0.75	100
PVC-25043-A	50	TE-1.00	100
PVC-55043-A	25	TE-1.50	100
PVC-15053-A	50	TE-2.50	100
PVC-25053-A	50	TE-4.00	100
PVC-55053-A	25	MEB-100	1
PVC-15017	50	XB-9083	1



### Art. CS-PUNT

 375x280x60 mm.

Contenido: 4650 punteras aisladas, 200 bridas y 1 herramienta.

Art.		Art.	
TE-0.50	500	DUO-2X1.50	200
TE-0.75	500	DUO-2X2.50	100
TE-1.00	500	DUO-2X4.00	100
TE-1.00	500	DUO-2X6.00	50
TE-1.50	500	TE-1508-XL	100
TE-2.50	300	TE-2508-XL	100
TE-4.00	200	TE-4010-XL	100
TE-6.00	100	CV-140	100
DUO-2X0.50	200	CV-100	100
DUO-2X0.75	200	SN-06-WF	1
DUO-2X1.00	400		



## Estuches y envasados especiales



### Art. CS-TR

 240x180x40 mm.

Contenido: 180 conectores estancos, terminales con aislante termo-contraíble y empalmes soldadura con adhesivo interno.

Art.



Art.



SB-15043

10

SBC-15635

10

SB-25053

10

SBC-25635

10

SB-25064

10

SBC-25039

10

SB-55084

10

SB-2216

10

SB-55105

10

SB-1614

10

SBC-25040-1

10

SB-1210

10

SBC-15063-2

10

SBS-1

10

SBC-25063-2

10

SBS-2

10

SBC-55063-2

10

SBS-5

10



### Art. CS-SB

 165x112x31 mm.

Contenido: 140 empalmes a soldar o engrapar, con aislante termorretráctil.

Art.



Art.



SB-1210

10

SBS-92-R

30

SB-1614

30

SBS-93-R

30

SB-2216

30

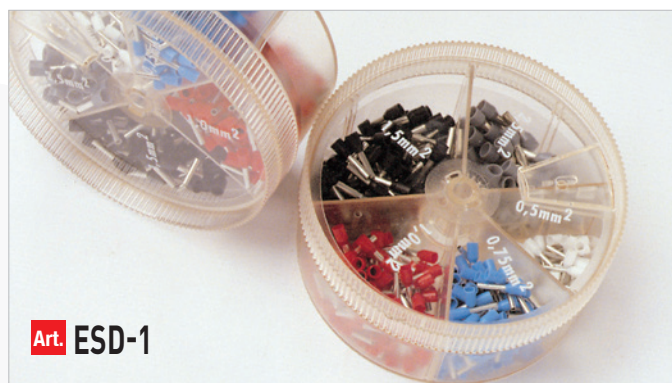
SBS-94-R

10





## Estuches y envasados especiales



### Art. ESD-1

Contenido: 400 punteras L = 8.0 mm.

Art.		Art.	
TE-0.50	50	TE-1.50	100
TE-0.75	100	TE-2.50	50
TE-1.00	100		



### Art. ESD-111

Contenido: 400 punteras L = 8.0 mm.

Art.		Art.	
PD-0.50	50	PD-1.50	100
PD-0.75	100	PD-2.50	50
PD-1.00	100		



### Art. ESD-2

Contenido: 100 punteras.

Medidas en mm.

Art.	L		Art.	L	
TE-4.00	10.0	50	TE-10.00	12.0	20
TE-6.00	12.0	20	TE-16.00	12.0	10



### Art. ESD-222

Contenido: 100 punteras.

Medidas en mm.

Art.	L		Art.	L	
PD-4.00	10.0	50	PD-10.00	12	20
PD-6.00	12.0	20	PD-16.00	12	10



### Art. ESD-9

Contenido: 150 punteras.

Medidas en mm.

Art.	L		Art.	L	
TE-0.25	6.0	30	TE-0.75	8.0	30
TE-0.34	6.0	30	TE-1.00	8.0	30
TE-0.50	8.0	30			



### Art. ESD-999

Contenido: 150 punteras.

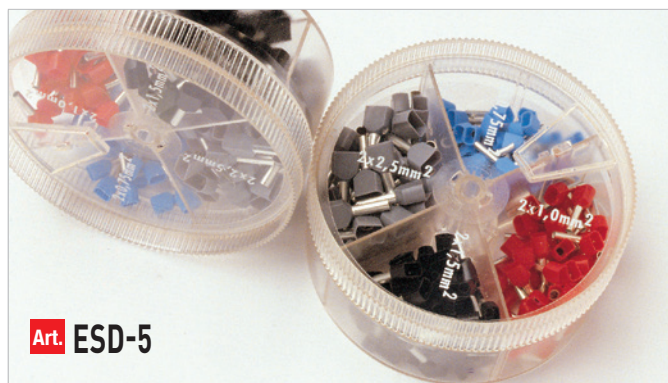
Medidas en mm.

Art.	L		Art.	L	
PD-0.25	6.0	30	PD-0.75	8.0	30
PD-0.34	6.0	30	PD-1.00	8.0	30
PD-0.50	8.0	30			





## Estuches y envasados especiales



**Art. ESD-5**

Contenido: 200 punteras.

Medidas en mm.

Art.	L		Art.	L	
TU0-2x0.75	8.0	50	TU0-2x1.50	8.0	50
TU0-2x1.00	8.0	50	TU0-2x2.50	10.0	50



**Art. ESD-555**

Contenido: 200 punteras.

Medidas en mm.

Art.	L		Art.	L	
DU0-2x0.75	8.0	50	DU0-2x1.50	8.0	50
DU0-2x1.00	8.0	50	DU0-2x2.50	10.0	50



**Art. ESD-6**

Contenido: 45 punteras.

Medidas en mm.

Art.	L		Art.	L	
TU0-2x4.00	12.0	20	TU0-2x10.00	14.0	10
TU0-2x6.00	14.0	10	TU0-2x16.00	14.0	5



**Art. ESD-666**

Contenido: 45 punteras.

Medidas en mm.

Art.	L		Art.	L	
DU0-2x4.00	12.0	20	DU0-2x10.00	14.0	10
DU0-2x6.00	14.0	10	DU0-2x16.00	14.0	5



**Art. ESD-101**

Contenido: 1000 punteras L = 8.0 mm.

Art.		Art.	
TE-0.75	200	TE-1.50	300
TE-1.00	300	TE-2.50	200



**Art. ESD-103**

Contenido: 1000 punteras L = 8.0 mm.

Art.		Art.	
PD-0.75	200	PD-1.50	300
PD-1.00	300	PD-2.50	200



## Estuches y envasados especiales



**Art. ESD-10**

Contenido: 1000 punteras **TE-1.00-8** L = 8.0 mm.





# Índice referencia / página

Art.	Art.	Art.	Art.	Art.	Art.	Art.	Art.	Art.	Art.				
3-PVC-*	1-72	EF-15048-2	1-25	EF-25635-2	1-26	EFCC-15480-1	1-31	EFNY-16-10	1-15	ESD-555	1-82	PVC-15037-1	1-36
4-PVC-*	1-72	EF-15048-2-1	1-25	EF-25635-3	1-26	EFCC-15635	1-31	EFNY-16-12	1-15	ESD-6	1-82	PVC-15037-1A	1-38
BC-*	1-66	EF-15052	1-23	EF-25635-X	1-24	EFCC-15635-2	1-32	EFNY-16-13-P	1-21	ESD-666	1-82	PVC-15037-A	1-38
BK-*	1-66	EF-15053	1-14	EF-55010-P	1-20	EFCC-15635-X	1-31	EFNY-16-4	1-15	ESD-9	1-81	PVC-15037-B	1-39
BM-*	1-66	EF-15053-A	1-18	EF-55013-P	1-20	EFCC-25023	1-33	EFNY-16-5	1-15	ESD-999	1-81	PVC-15037-R	1-39
CEP-*	1-70	EF-15063	1-23	EF-55018-1P	1-20	EFCC-25028	1-30	EFNY-16-6	1-15	NCE-*	1-69	PVC-15039	1-45
CES-*	1-70	EF-15063-2	1-25	EF-55018-P	1-20	EFCC-25028-1	1-30	EFNY-16-6-1	1-15	NDB-2018	1-76	PVC-15040-1	1-45
CR-*	1-73	EF-15063-3	1-25	EF-55027	1-20	EFCC-25039	1-34	EFNY-16-6-A	1-19	NDB-2420	1-76	PVC-15043	1-36
CRDI-*	1-77	EF-15063-B	1-27	EF-55028	1-23	EFCC-25040	1-35	EFNY-16-8	1-15	NDC-2018-A	1-75	PVC-15043-1	1-36
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