TECHNICAL DATA SHEET - INTERACTIVE PDF

Terminals, ring
Vinyl insulated

Sta-Kon®



Vinyl insulated ring terminals for wire termination of copper conductors ranging from 22-10 AWG

Certifications / Standards:

3-Part Specification: 26 05 83.11
Tools and Calculators

Features:
- Deep internal serrations maximize contact with wire to help ensure high pull-out values and low electrical resistance
- Long, chamfered barrel design helps eliminate wire hang-ups and maximizes crimp area
- Constructed of electrolytic copper with electro-tin plating for high conductivity
- Brazed seam using silver solder helps ensure a uniform crimp and maximum conductivity
- Color-coded according to wire size
- Complete wire and stud size identification on tongue
- Suitable for stranded copper for sizes #22-10 AWG
- Expanded entry insulation accepts thicker wire insulation

Material / Finishes:
- PVC Vinyl
- Electrolytic copper with electro-tin plating and silver solder brazed seam

Conforms to:
- RoHS (Restriction of Hazardous Substance)
  - European Directive 2011/65 and Commission Delegated Directive 2015/863

Ratings:
- 600V Max, 1000V in sign/fixtures
- 105°C

Table data:
- Product selection and dimensions

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Product selection and dimensions - inches

Drawing	Base part no. Fig. 1	Bulk part no. Fig. 1	Alt design	Color	Base Qty	Bulk Qty	Bolt hole size	A (±0.03)	B (±0.02)	C (±0.01)	D (±0.01)	E (±0.01)	T (±0.005)	Wire size range (AWG)	Strip Lgth	Crimping tools
T = Tongue thickness	18RA-4	RA77	—	Red	100	1,000	#4	0.954	0.315	0.270	0.17	0.255	0.030	22-16	¼"	WT440 (4463 die) WT145C WT2000 ERG4001 DIE2001[1]
	18RA-6	RA857	—		100	1,000	#6	0.954	0.315	0.270	0.190	0.255	0.030			
	18RA-8	RA867	—		100	1,000	#8	0.924	0.255	0.270	0.190	0.255	0.030			
	18RA-10	RA877	—		100	1,000	#10	0.954	0.315	0.270	0.190	0.255	0.030			
	18RA-14	RA717	Fig. 2		100	1,000	¼"	0.954	0.315	0.270	0.190	0.255	0.030			
	18RA-516	RA727	Fig. 2		100	1,000	5⁄16"	1.145	0.505	0.312	0.190	0.255	0.030			
	18RA-38	RA737	Fig. 2		100	1,000	⅜"	1.145	0.505	0.312	0.190	0.255	0.030			
	14RB-4	RB1327	—	Blue	100	1,000	#4	0.924	0.255	0.270	0.19	0.255	0.032	18-14	¼"	WT440 (4463 die) WT145C WT2000 ERG4001 DIE2001[1]
	14RB-6	RB857	—		100	1,000	#6	0.954	0.315	0.270	0.19	0.255	0.032			
	14RB-8	RB867	—		100	1,000	#8	0.954	0.315	0.270	0.19	0.255	0.032			
	14RB-10	RB877	—		100	1,000	#10	0.954	0.315	0.270	0.19	0.255	0.032			
	14RB-14	RB717	Fig. 2		100	1,000	¼"	1.145	0.505	0.375	0.19	0.255	0.032			
	14RB-516	RB727	Fig. 2		100	1,000	5⁄16"	1.145	0.505	0.375	0.19	0.255	0.032			
	14RB-38	RB737	Fig. 2		100	1,000	⅜"	1.151	0.538	0.350	0.19	0.255	0.032			
	10RC-6	RC337	—	Yellow	50	500	#6	1.036	0.315	0.265	0.25	0.320	0.040	12-10	11⁄32"	WT440 (4463 die) WT145C WT2000 ERG4001 DIE2001[1]
	10RC-8	RC777	—		50	500	#8	1.036	0.315	0.265	0.25	0.320	0.040			
	10RC-10	RC367	—		50	500	#10	1.036	0.315	0.265	0.25	0.320	0.040			
	10RC-14	RC717	—		50	500	¼"	1.129	0.505	0.265	0.25	0.320	0.040			
	10RC-516	RC707	Fig. 2		50	500	5⁄16"	1.238	0.546	0.387	0.25	0.325	0.040			
	10RC-38	RC737	Fig. 2		50	500	⅜"	1.339	0.598	0.451	0.25	0.325	0.040			

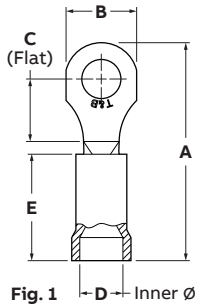

Fig. 1

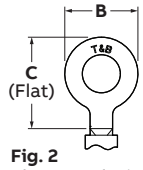

Fig. 2
Alternate design
Use same dimesions

Note: Products must be installed in accordance with applicable national and local electrical codes.
[1] Die set compatible with BAT22-6NV2, PAIR22-6, or BAIR22-6

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