TECHNICAL DATA SHEET - INTERACTIVE PDF

Terminals, flanged fork

Nylon insulated

Sta-Kon®



Nylon insulated flanged fork for wire termination of copper conductors ranging from 22 AWG to 10 AWG

Certifications / Standards:

3-Part Specification:
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
- Three-piece construction with metal sleeve provides insulation support and strain relief to help ensure protection of wire strands and optimum mechanical and electrical performance
- Nylon insulation is halogen-free and provides excellent combination of chemical, impact, and abrasion resistance
- Complete wire and stud size identification on tongue
- Suitable for stranded copper for sizes #22 - 10 AWG
- Turned-up toes contribute to secure connections in high vibration applications

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

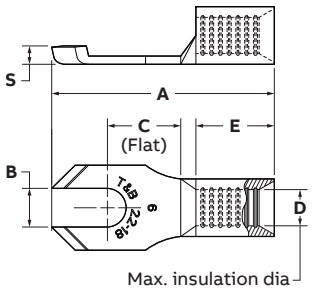
Material / Finishes:
- Nylon 66
- Electrolytic copper with electro-tin plating
- Commercial copper alloy sleeve with electro-tin plating

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

Table data:
- Quantities, wire sizes and dimensions
- Application tools

Quantities, wire sizes and dimensions

Product selection and dimensions - inches

Drawing	Base part no:	Bulk part no.	Base Qty	Bulk Qty	Wire size range (AWG)	Strip length	Bolt hole size	A (+/- 0.06)	B (+/- 0.01)	C (+/- 0.05)	D (+/-0.01)	E (+/-0.02)	S (+/-0.01)
	RA18-6FS	RA1203	100	1000	22-16	7/32"	#6	0.80"	0.28"	0.21"	0.15"	0.21"	0.04"
	RA18-8FS	RA1223	100	1000	22-16	7/32"	#8	0.89"	0.31"	0.21"	0.15"	0.21"	0.04"
	RA18-10FS	RA1253	100	1000	22-16	7/32"	#10	0.90"	0.37"	0.21"	0.15"	0.21"	0.04"
	RB14-6FS	RB1203	100	1000	18-14	7/32"	#6	0.81"	0.28"	0.22"	0.17"	0.21"	0.04"
	RB14-8FS	RB1223	100	1000	18-14	7/32"	#8	0.90"	0.31"	0.22"	0.17"	0.21"	0.04"
	RB14-10FS	RB1253	100	1000	18-14	7/32"	#10	0.92"	0.37"	0.22"	0.17"	0.21"	0.04"
	RC10-8FS	RC1223	50	500	12-10	9/32"	#8	1.03"	0.31"	0.21"	0.23"	0.28"	0.04"
	—	RC1224	—	500	12-10	9/32"	#8	0.97"	0.31"	0.22"	0.23"	0.28"	0.04"
	RC10-10FS	RC1253	50	500	12-10	9/32"	#10	1.05"	0.37"	0.29"	0.23"	0.28"	0.04"
	—	RC1254	—	500	12-10	9/32"	#10	1.05"	0.37"	0.29"	0.28"	0.28"	0.04"

Note: Products must be installed in accordance with applicable national and local electrical codes.

Application tools

Product and crimping tool part numbers

Product selection

Base	Bulk	Tools
RA18-6FS	RA1203	ERG4001
RA18-8FS	RA1223	WT440 (4463 die)
RA18-10FS	RA1253	WT145C
RB14-6FS	RB1203	WT2000
RB14-8FS	RB1223	WT112M*
RB14-10FS	RB1253	WT145A*
		DIE2001**

Base	Bulk	Tools
RC10-8FS	RC1223	ERG4001
—	RC1224	WT440 (4463 die)
RC10-10FS	RC1253	WT145C
—	RC1254	WT2000
		WT112M*
		WT145A*
		WT2130A

* Tool is not UL listed

** Die set compatible with BAT22-6NV2, PAIR22-6, or BAIR22-6

electrification.us.abb.com (US/LATAM)
tnb.ca.abb.com (Canada)
abb.com

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction – in whole or in part – is forbidden without prior written consent of ABB.
Copyright© 2023 ABB. All rights reserved.