SIEMENS

Data sheet 3VA9143-0JG11

wire connector with control wire voltage tap-off 3 units accessory for: 3VA6 150/250



Model	
product brand name	SENTRON
product designation	accessories
Accessories	Wire connector
General technical data	
designation / of the terminal	TA1.3
Voltage	
Current	
Mechanical Design	
Connections according IEC	
IEC-marking / of terminals	1.5-50 mm² CU 4-50 mm² AL NNL
connectable conductor cross-section	
● for copper cable / stranded / minimum	1.5 mm²
● for copper cable / stranded / maximum	50 mm²
● for aluminum cable / solid / minimum	4 mm²
● for aluminum cable / solid / maximum	16 mm²
● for aluminum cable / stranded / minimum	4 mm²
● for aluminum cable / stranded / maximum	50 mm²
stripped length	18 mm
tightening torque / when using copper cables	
● solid	1.5 - 10 mm²: 6.2 Nm 16 mm²: 8.5 Nm
Connetctions according UL	
UL-marking / of terminals	14-1/0 CU7 12-1/0 AL7 TA1.3 CMC UR CSA
permissible temperature / of connectable conductor / according to UL 486A-486B	75 °C
stripped length	0.7 in
connectable conductor cross-section	
● for copper cable / solid / minimum	14 AWG
● for copper cable / solid / maximum	10 AWG
● for copper cable / stranded / minimum	14 AWG
● for copper cable / stranded / maximum	1/0 AWG
● for copper cable / finely stranded / minimum	14 AWG
● for copper cable / finely stranded / maximum	1/0 AWG
● for aluminum cable / solid / minimum	12 AWG
● for aluminum cable / solid / maximum	10 AWG
● for aluminum cable / stranded / minimum	12 AWG
● for aluminum cable / stranded / maximum	1/0 AWG

Subject to change without notice
© Copyright Siemens

tightening torque / when using copper cables	
● stranded	14 - 8 AWG: 55 lb-in 6 - 2 AWG: 75 lb-in 1 - 1/0 AWG: 120 lb-in
● finely stranded	14 - 8 AWG: 55 lb-in 6 - 2 AWG: 75 lb-in 1 - 1/0 AWG: 120 lb-in

Certificates

General Product Approval		EMC	Declaration of Conformity	Shipping Approval
UL	Miscellaneous	RCM	EG-Konf.	LRS

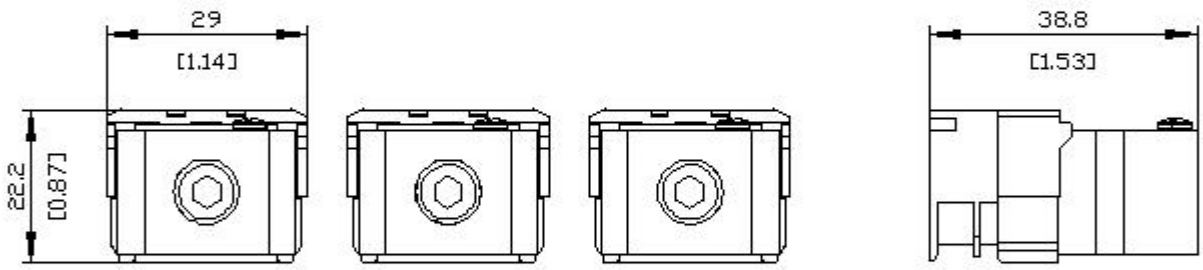
other

Manufacturer Declaration	Miscellaneous

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9143-0JG11
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3VA9143-0JG11
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9143-0JG11
Tender specifications
http://www.siemens.com/specifications

Subject to change without notice
© Copyright Siemens



last modified: 12/20/2020

Subject to change without notice
© Copyright Siemens