

# JIANGSU TIANCHENG SMART SYSTEMS GROUP CO.,LTD

## Ex-factory Inspection Report

Customer Name: \_\_\_\_\_

Inspection temperature: 20 °C

Production lot: \_\_\_\_\_ km

Type Specification: 60227 IEC 53 (RVV) 3×1.5

Rated Voltage: 300/500V

Inspection Date: 2026 YYYYYY MM DD

No	Inspection Item	Unit	Standard Requirements	Test Results			Test Conclusion
				Blue	Brown	Black	
1	Wire core color	—	It shall comply with the requirements of Chapter 4 of the GB/T 5023.1 standard	Blue	Brown	Black	Qualified
2	20°C Conductor Resistance	Ω/km	≤13.3	12.5	12.6	12.5	Qualified
3	Insulation	—	The surface of insulation should be round, smooth and no damage	Fit	Fit	Fit	Qualified
		mm	Nominal Thickness≥0.7	0.7	0.7	0.7	Qualified
		mm	The thickness of the thinnest point≥0.53	0.61	0.62	0.62	Qualified
4	Sheath	—	The surface of sheath should be round, smooth and no damage	Fit			Qualified
		mm	Nominal Thickness≥0.9	0.9			Qualified
		mm	The thickness of the thinnest point≥0.67	0.82			Qualified
		%	Ovality≤15	4			Qualified
5	Conducting Test of Conductor	—	Not short circuit、not break	Fit			Qualified
6	Voltage Withstand Test	—	Finished products don't break at 2000 V for 5min	Pass			Qualified
		—	Core wires don't break at 2000V for 5min	Pass			Qualified
7	Printing Clarity Check	—	All printing should be clear	Fit			Qualified
8	Printing Erasibility Check	—	Ink printing should be rub – proof	Fit			Qualified
Implementing Standard:GB/T 5023.5-2008				Inspection Conclusion: Qualified			

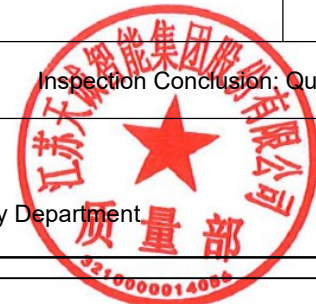
Inspector :

检16

Auditor:

检18

Signature of Quality Department



Add: No.2 Shisha Rd, Shatou Town, Guangling District, Yangzhou City, Jiangsu, China

Post Code: 225105

Tel: 0514-87531419

Fax: 0514-87531163

Web: <http://www.tcgroupp.com.cn>

# JIANGSU TIANCHENG SMART SYSTEMS GROUP CO.,LTD

## Ex-factory Inspection Report

Customer Name: \_\_\_\_\_

Inspection temperature: 20 °C

Production lot: \_\_\_\_\_ km

Type Specification: RVVP4×1.5

Rated Voltage: 300/300V

Inspection Date: 2026 YYYYY MM DD

No	Inspection Item	Unit	Standard Requirements	Test Results				Test Conclusion
1	20°C Conductor Resistance	Ω/km	≤13.3	12.5	12.6	12.5	12.6	Qualified
2	Insulation	—	The surface of insulation should be round, smooth and no damage	Fit	Fit	Fit	Fit	Qualified
		mm	Nominal Thickness≥0.7	0.7	0.7	0.7	0.7	Qualified
		mm	The thickness of the thinnest point≥0.53	0.61	0.62	0.61	0.61	Qualified
3	Braiding (or winding) Structure	n/mm	192/0.12	Fit				Qualified
4	Sheath	—	The surface of sheath should be round, smooth and no damage	Fit				Qualified
		mm	Nominal Thickness≥0.9	0.9				Qualified
		mm	The thickness of the thinnest point≥0.67	0.85				Qualified
		%	Ovality≤15	5				Qualified
5	Conducting Test of Conductor	—	Not short circuit、not break	Fit				Qualified
6	Voltage Withstand Test	—	Finished products don't break at 2000 V for 5min	Pass				Qualified
		-	Core wires don't break at 2000V for 5min	Pass				Qualified
7	Printing Erasibility Check	—	Ink printing should be rub – proof	Fit				Qualified
8	Printing Clarity Check	—	All printing should be clear	Fit				Qualified
Implementing Standard:JB/T 8734.5-2016				Inspection Conclusion: Qualified				

Inspector : 

Auditor: 

Signature of Quality Department



Add: No.2 Shisha Rd, Shatou Town, Guangling District, Yangzhou City, Jiangsu, China

Post Code: 225105

Tel: 0514-87531419

Fax: 0514-87531163

Web: <http://www.tcgroup.com.cn>

# JIANGSU TIANCHENG SMART SYSTEMS GROUP CO.,LTD

## Ex-factory Inspection Report

Customer Name: \_\_\_\_\_ Inspection temperature: 20 °C Production lot: \_\_\_\_\_ km

Type Specification: RVVP6×1.0 Rated Voltage: 300/300V Inspection Date: 2026 YYYYY MM DD

No	Inspection Item	Unit	Standard Requirements	Test Results					Test Conclusion
1	Wire core color	—	It shall comply with the requirements of Chapter JJ4 of the GB/T 5023.1 standard	Blue, Brown, Black, Grey, Purple, White					Qualified
2	20°C Conductor Resistance	Ω/km	≤19.5	18.8	18.8	18.9	18.8	18.7	Qualified
3	Insulation	—	The surface of insulation should be round, smooth and no damage	Fit	Fit	Fit	Fit	Fit	Qualified
		mm	Nominal Thickness≥0.6	0.6	0.6	0.6	0.6	0.6	Qualified
		mm	The thickness of the thinnest point≥0.44	0.51	0.52	0.51	0.52	0.52	Qualified
4	Braiding (or winding) Structure	n/mm	192/0.12	Fit					Qualified
5	Sheath	—	The surface of sheath should be round, smooth and no damage	Fit					Qualified
		mm	Nominal Thickness≥1.0	1.0					Qualified
		mm	The thickness of the thinnest point≥0.75	0.95					Qualified
		%	Ovality≤15	4					Qualified
6	Conducting Test of Conductor	—	Not short circuit、not break	Fit					Qualified
7	Voltage Withstand Test	—	Finished products don't break at 1500 V for 5min	Pass					Qualified
		-	Core wires don't break at 1500V for 5min	Pass					Qualified
8	Printing Erasability Check	—	Ink printing should be rub – proof	Fit					Qualified
9	Printing Clarity Check	—	All printing should be clear	Fit					Qualified

Implementing Standard: JB/T 8734.5-2016

Inspection Conclusion: Qualified

Inspector :

检16

Auditor:

检18

Signature of Quality Department



Add: No.2 Shisha Rd, Shatou Town, Guangling District, Yangzhou City, Jiangsu, China

Post Code: 225105

Tel: 0514-87531419

Fax: 0514-87531163

Web: <http://www.tcgroup.com.cn>

# JIANGSU TIANCHENG SMART SYSTEMS GROUP CO.,LTD

## Ex-factory Inspection Report

Customer Name: \_\_\_\_\_

Inspection temperature: 20 °C

Production lot: \_\_\_\_\_ km

Type Specification: 60227 IEC 53 (RVV) 2×1.0

Rated Voltage: 300/500V

Inspection Date: 2026 YYYYY MM DD

No	Inspection Item	Unit	Standard Requirements	Test Results		Test Conclusion
1	Wire core color	—	It shall comply with the requirements of Chapter 4 of the GB/T 5023.1 standard	Blue	Brown	Qualified
2	20°C Conductor Resistance	Ω/km	≤19.5	18.7	18.5	Qualified
3	Insulation	—	The surface of insulation should be round, smooth and no damage	Fit	Fit	Qualified
		mm	Nominal Thickness≥0.6	0.6	0.6	Qualified
		mm	The thickness of the thinnest point≥0.44	0.55	0.54	Qualified
4	Sheath	—	The surface of sheath should be round, smooth and no damage	Fit		Qualified
		mm	Nominal Thickness≥0.8	0.8		Qualified
		mm	The thickness of the thinnest point≥0.58	0.74		Qualified
		%	Ovality≤15	3		Qualified
5	Conducting Test of Conductor	—	Not short circuit、 not break	Fit		Qualified
6	Voltage Withstand Test	—	Finished products don't break at 2000 V for 5min	Pass		Qualified
		—	Core wires don't break at 1500V for 5min	Pass		Qualified
7	Printing Clarity Check	—	All printing should be clear	Fit		Qualified
8	Printing Erasibility Check	—	Ink printing should be rub – proof	Fit		Qualified
Implementing Standard:GB/T 5023.5-2008				Inspection Conclusion: Qualified		

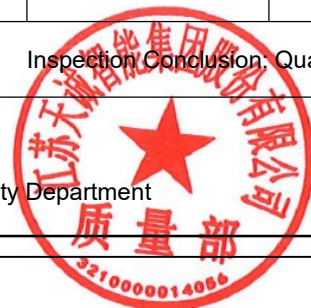
Inspector :

检16

Auditor:

检18

Signature of Quality Department



Add: No.2 Shisha Rd, Shatou Town, Guangling District, Yangzhou City, Jiangsu, China

Post Code: 225105

Tel: 0514-87531419

Fax: 0514-87531163

Web: <http://www.tcgroupp.com.cn>

# JIANGSU TIANCHENG SMART SYSTEMS GROUP CO.,LTD

## Ex-factory Inspection Report

Customer Name: \_\_\_\_\_

Inspection temperature: 20 °C

Production lot: \_\_\_\_\_ km

Type Specification: 60227 IEC 53 (RVV) 4×1.0

Rated Voltage: 300/500V

Inspection Date: 2025 YYYYYY MM DD

No	Inspection Item	Unit	Standard Requirements	Test Results				Test Conclusion
				Blue	Brown	Black	Grey	
1	Wire core color	—	It shall comply with the requirements of Chapter 4 of the GB/T 5023.1 standard	Blue	Brown	Black	Grey	Qualified
2	20°C Conductor Resistance	Ω/km	≤19.5	18.6	18.5	18.7	18.6	Qualified
3	Insulation	—	The surface of insulation should be round, smooth and no damage	Fit	Fit	Fit	Fit	Qualified
		mm	Nominal Thickness≥0.6	0.6	0.6	0.6	0.6	Qualified
		mm	The thickness of the thinnest point≥0.44	0.53	0.52	0.52	0.53	Qualified
4	Sheath	—	The surface of sheath should be round, smooth and no damage	Fit				Qualified
		mm	Nominal Thickness≥0.9	0.9				Qualified
		mm	The thickness of the thinnest point≥0.67	0.85				Qualified
		%	Ovality≤15	5				Qualified
5	Conducting Test of Conductor	—	Not short circuit、 not break	Fit				Qualified
6	Voltage Withstand Test	—	Finished products don't break at 2000 V for 5min	Pass				Qualified
		—	Core wires don't break at 1500V for 5min	Pass				Qualified
7	Printing Erasibility Check	—	Ink printing should be rub – proof	Fit				Qualified
8	Printing Clarity Check	—	All printing should be clear	Fit				Qualified
Implementing Standard:GB/T 5023.5-2008				Inspection Conclusion: Qualified				

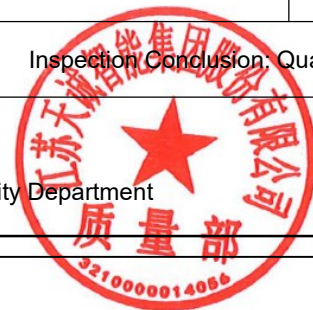
Inspector :

检16

Auditor:

检18

Signature of Quality Department



Add: No.2 Shisha Rd, Shatou Town, Guangling District, Yangzhou City, Jiangsu, China

Post Code: 225105

Tel: 0514-87531419

Fax: 0514-87531163

Web: <http://www.tcgroupp.com.cn>

# JIANGSU TIANCHENG SMART SYSTEMS GROUP CO.,LTD

## Ex-factory Inspection Report

Customer Name: \_\_\_\_\_

Inspection temperature: 20 °C

Production lot: \_\_\_\_\_ km

Type Specification: 60227 IEC 53 (RVV) 2×1.5

Rated Voltage: 300/500V

Inspection Date: 2025 YYYYYY MM DD

No	Inspection Item	Unit	Standard Requirements	Test Results		Test Conclusion
1	Wire core color	—	It shall comply with the requirements of Chapter 4 of the GB/T 5023.1 standard	Blue	Brown	Qualified
2	20°C Conductor Resistance	Ω/km	≤13.3	12.5	12.6	Qualified
3	Insulation	—	The surface of insulation should be round, smooth and no damage	Fit	Fit	Qualified
		mm	Nominal Thickness≥0.7	0.7	0.7	Qualified
		mm	The thickness of the thinnest point≥0.53	0.61	0.62	Qualified
4	Sheath	—	The surface of sheath should be round, smooth and no damage	Fit		Qualified
		mm	Nominal Thickness≥0.8	0.8		Qualified
		mm	The thickness of the thinnest point≥0.58	0.72		Qualified
		%	Ovality≤15	3		Qualified
5	Conducting Test of Conductor	—	Not short circuit、not break	Fit		Qualified
6	Voltage Withstand Test	—	Finished products don't break at 2000 V for 5min	Pass		Qualified
		—	Core wires don't break at 2000V for 5min	Pass		Qualified
7	Printing Clarity Check	—	All printing should be clear	Fit		Qualified
8	Printing Erasability Check	—	Ink printing should be rub – proof	Fit		Qualified
Implementing Standard:GB/T 5023.5-2008				Inspection Conclusion: Qualified		

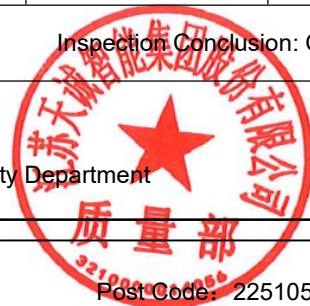
Inspector :

检16

Auditor:

检18

Signature of Quality Department



Add: No.2 Shisha Rd, Shatou Town, Guangling District, Yangzhou City, Jiangsu, China

Post Code: 225105

Tel: 0514-87531419

Fax: 0514-87531163

Web: <http://www.tcgroup.com.cn>