

Add: Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China

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Туреа	and size:1	00mm2 AAC WAS	P Conductor	Drum No.: W212-	2		
Stand	tandard: BS 215-1			Date: 2023-07-26			
No.	Item of te	est	Unit	Requirements	Test results	Evaluatio n	
1 1.1	Structure Number		No.	7	7	Qualified	
1.1		r of single wire	mm	/ 4.39±1%	4.370-4.380	Qualified	
1.2		or diameter		4.39±1% 13.17±1%	4.370-4.380	Qualified	
1.3	Conduct	or diameter	mm	13.17±1%	13.14	Quaimed	
2	Surface (visual in	quality ispection)	-	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified	
3	Lay						
3.1	Direction	of lay	-	Right hand	Right hand	Qualified	
3.2	Lay ratio			10-14	12.36	Qualified	
4		perties of AL- e (stranded)					
4.1	Tension	strength	Мра	≥152	159-171	Qualified	
4.2	C C		nΩ•m	≤28.264	27.776-27.927	Qualified	
5	,		kg/km	290±2%	288	Qualified	
6		stance at 20℃	Ω/km	≤0.2702	0.2650	Qualified	
Te	Tested		Checked	徐秋瑞	Approved	差晚足	



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Туре а	Type and size:100mm2 AAC WASP Conductor		P Conductor	Drum No.: W212-	6	
Stand	Standard: BS 215-1			Date: 2023-07-26		
No.	Item of te	st	Unit	Requirements	Test results	Evaluatio n
1 1.1 1.2 1.3			No. mm mm	7 4.39±1% 13.17±1%	7 4.370-4.400 13.20	Qualified Qualified Qualified
2	Surface q (visual ins		-	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified
3 3.1	Lay Direction	of lay	-	Right hand	Right hand	Qualified
3.2 4		erties of AL- (stranded)		10-14	12.53	Qualified
4.1 4.2	1 Tension strength		Mpa	≥152 ≤28.264	162-176 27.749-27.816	Qualified Qualified
4.2 5 6	2Resistivity at 20°C $n \Omega \cdot m$ Mass per unit lengthkg/kmDC Resistance at 20°C Ω/km		kg/km	≤28.264 290±2% ≪0.2702	27.749-27.816 286 0.2656	Qualified Qualified Qualified
Te	Tested ZAM		Checked	徐秋瑞	Approved	差晚览



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Туреа	and size:100mm2	AAC WASP Cond	ductor	Drum No.: W212-	15	
Stand	ard: BS 215-1	Date: 2023-07-26				
No.	Item of test	ų	Jnit	Requirements	Test results	Evaluatio n
1	Structure size					
1.1	Number of wires		lo.	7	7	Qualified
1.2	Diameter of singl	e wire n	nm	4.39±1%	4.365-4.380	Qualified
1.3	Conductor diame	eter n	nm	13.17±1%	13.21	Qualified
2	Surface quality (visual inspection		-	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified
3	Lay					
3.1	Direction of lay		-	Right hand	Right hand	Qualified
3.2	Lay ratio			10-14	12.36	Qualified
4	The properties of alloy wire (strand			C		
4.1	Tension strength	N	1pa	≥152	154-179	Qualified
4.2	Ũ		• m	≤28.264	27.539-27.844	Qualified
5	5		J/km	290±2%	288	Qualified
6	DC Resistance a	• •	/km	≤0.2702	0.2650	Qualified
Te	Tested Tested		ecked	编秋瑞	Approved	差晚览



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Туре а	Type and size:100mm2 AAC WASP Conductor			Drum No.: W212-	19	
Stand	ard: BS 21	15-1		Date: 2023-07-26		
No.	Item of te	est	Unit	Requirements	Test results	Evaluatio n
1 1.1 1.2		of wires r of single wire	No. mm	7 4.39±1%	7 4.360-4.380	Qualified Qualified
1.3	Conduct	or diameter	mm	13.17±1%	13.20	Qualified
2	Surface (visual in	quality ispection)	_	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified
3	Lay					
3.1	Direction	of lay	-	Right hand	Right hand	Qualified
3.2	Lay ratio			10-14	13.28	Qualified
4		perties of AL- e (stranded)				
4.1	Tension	strength	Мра	≥152	164-182	Qualified
4.2	5		nΩ•m	≤28.264	27.547-27.786	Qualified
5	Mass per unit length kg/km		-	290±2%	287	Qualified
6	DC Resi	stance at 20℃	Ω/km	≤0.2702	0.2683	Qualified
Te	Tested Tested		Checked	徐秋瑞	Approved	卷晚览



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Туре а	and size:100mm2 AAC W	ASP Conductor	Drum No.: W212-29		
Stand	ard: BS 215-1	Date: 2023-07-26			
No.	Item of test	Unit	Requirements	Test results	Evaluatio n
1	Structure size				
1.1	Number of wires	No.	7	7	Qualified
1.2	Diameter of single wire	mm	4.39±1%	4.360-4.370	Qualified
1.3	Conductor diameter	mm	13.17±1%	13.14	Qualified
2	Surface quality (visual inspection)	-	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified
3 3.1	Lay Direction of lay	_			
1			Right hand	Right hand	Qualified
3.2	Lay ratio		10-14	13.29	Qualified
4	The properties of AL- alloy wire (stranded)		C	\sim	
4.1	Tension strength	Мра	≥152	161-176	Qualified
4.2	5 1		≤28.264	27.742-27.831	Qualified
5			290±2%	286	Qualified
6	DC Resistance at 20°C	Ω/km	≤0.2702	0.2696	Qualified
Te	ested 表利码	Checked	徐秋瑞	Approved	着晚上



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Туре а	and size:100mm2 AAC W	ASP Conductor	Drum No.: W212-	-45	
Stand	ard: BS 215-1		Date: 2023-07-26		
No.	Item of test	Unit	Requirements	Test results	Evaluatio n
1 1.1	Structure size Number of wires	No.	7	7	Qualified
1.2 1.3	Diameter of single wire Conductor diameter	mm mm	4.39±1% 13.17±1%	4.365-4.380 13.20	Qualified Qualified
2	Surface quality (visual inspection)	-	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified
3 3.1	Lay Direction of lay				
5.1	Direction of lay	-	Right hand	Right hand	Qualified
3.2	Lay ratio		10-14	12.52	Qualified
4	The properties of AL- alloy wire (stranded)		C	\bigtriangledown	
4.1	Tension strength	Мра	≥152	160-173	Qualified
4.2	Resistivity at 20°C	nΩ • m	≤28.264	27.703-27.913	Qualified
5	Mass per unit length	kg/km	290±2%	286	Qualified
6	DC Resistance at 20°C	Ω/km	≤0.2702	0.2555	Qualified
Te	ested 表表的	Checked	徐秋瑞	Approved	着晚览



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Type and size:100mm2 AAC WASP Conductor			P Conductor	Drum No.: W212-	47	
Standa	Standard: BS 215-1			Date: 2023-07-26		
No.	Item of te	est	Unit	Requirements	Test results	Evaluatio n
1 1.1 1.2 1.3			No. mm mm	7 4.39±1% 13.17±1%	7 4.365-4.390 13.22	Qualified Qualified Qualified
2	Surface o (visual in	quality spection)	_	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified
3	Lay					
3.1	Direction	of lay	-	Right hand	Right hand	Qualified
3.2	Lay ratio			10-14	13.27	Qualified
4		erties of AL- e (stranded)		C		
4.1	Tension	strength	Мра	≥152	162-181	Qualified
4.2	j		nΩ•m	≤28.264	27.774-27.84	- ,
5		r unit length	kg/km	290±2%	286	Qualified
6	DC Resis	stance at 20℃	Ω/km	≤0.2702	0.2614	Qualified
Te	Tested 表利例		Checked	徐秋瑞	Approved	差晚览



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Туре	and size:100	mm2 AAC WAS	P Conductor	Drum No.: W212-	57	
Stand	ard: BS 215-	1		Date: 2023-07-26		
No.	Item of test		Unit	Requirements	Test results	Evaluatio n
1	Structure si				7	
1.1	Number of		No.	7	7	Qualified
1.2		f single wire	mm	4.39±1%	4.360-4.380	Qualified
1.3	Conductor	diameter	mm	13.17±1%	13.30	Qualified
2	Surface qua (visual insp		_	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified
3	Lay					
3.1	Direction of	lay	-	Right hand	Right hand	Qualified
3.2	Lay ratio			10-14	13.05	Qualified
4	The proper alloy wire (s			C	\bigtriangledown	
4.1	Tension str	ength	Мра	≥152	159-171	Qualified
4.2	Resistivity a	at 20°C	nΩ•m	≤28.264	27.585-28.061	Qualified
5	Mass per u		kg/km	290±2%	286	Qualified
6		nce at 20℃	Ω/km	≤0.2702	0.2687	Qualified
Tested		徐秋瑞	Approved	着晚览		



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Туре	and size:100mm2 AAC W	ASP Conductor	Drum No.: W212-	60		
Stand	ard: BS 215-1		Date: 2023-07-26			
No.	Item of test	Unit	Requirements	Test results	Evaluatio n	
1	Structure size		>			
1.1	Number of wires	No.	7	7	Qualified	
1.2	Diameter of single wire	mm	4.39±1%	4.360-4.380	Qualified	
1.3	Conductor diameter	mm	13.17±1%	13.18	Qualified	
2	Surface quality (visual inspection)	-	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified	
3	Lay					
3.1	Direction of lay	-	Right hand	Right hand	Qualified	
3.2	Lay ratio		10-14	12.48	Qualified	
4	The properties of AL- alloy wire (stranded)		C	\sim		
4.1	Tension strength	Мра	≥152	159-178	Qualified	
4.2	Resistivity at 20°C			27.725-27.945	Qualified	
5	Mass per unit length	kg/km		286	Qualified	
6	DC Resistance at 20°C	Ω/km	≤0.2702	0.2654	Qualified	
Te	ested 表示教	Checked	徐秋瑞	Approved	卷晚览	



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Туреа	Type and size:100mm2 AAC WASP Conductor			Drum No.: W212-	63	
Stand	Standard: BS 215-1			Date: 2023-07-26		
No.	Item of te	est	Unit	Requirements	Test results	Evaluatio n
1 1.1 1.2 1.3			No. mm mm	7 4.39±1% 13.17±1%	7 4.375-4.390 13.18	Qualified Qualified Qualified
2	Surface (visual in	quality ispection)	-	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified
3 3.1 3.2	Lay Direction Lay ratio	·	-	Right hand 10-14	Right hand 12.30	Qualified Qualified
4 4.1	alloy wire Tension	•	Мра	≥152	165-178	Qualified
4.2 5 6	Mass pe	ty at 20°C r unit length stance at 20℃	n Ω ∙ m kg/km Ω/km	≤28.264 290±2% ≪0.2702	27.668-27.865 287 0.2640	Qualified Qualified Qualified
Te	5 -1.4		Checked	徐秋瑞	Approved	差晚史



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Туре а	Type and size:100mm2 AAC WASP Conductor			Drum No.: W212-	69	
Stand	Standard: BS 215-1			Date: 2023-07-26		
No.	Item of te	est	Unit	Requirements	Test results	Evaluatio n
1 1.1 1.2 1.3			No. mm mm	7 4.39±1% 13.17±1%	7 4.370-4.390 13.28	Qualified Qualified Qualified
2	Surface o (visual in	quality spection)	_	The conductor shall be clean and free of imperfections not consistent good commercial practice.	Conform	Qualified
3 3.1 3.2	Lay Direction Lay ratio	•	-	Right hand 10-14	Right hand 12.60	Qualified Qualified
4 4.1 4.2 5 6	alloy wire Tension Resistivit Mass per	erties of AL- e (stranded) strength ty at 20°C r unit length stance at 20°C	Mpa n Ω ∙ m kg/km Ω/km	≥152 ≤28.264 290±2% ≤0.2702	166-173 27.579-27.616 288 0.2660	Qualified Qualified Qualified Qualified
Te	Tested		Checked	徐秋瑞	Approved	差晚览