

SPECIFICATION FOR APPROVAL规格承认书

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STYLE产品型号		ESL15Z3-K										APPROVED BY客户回签	
REVISION版本号		A/0											
RATING电线等级		-40°C~+125°C 1500V DC											
REFERENE STANDARD 参考标准		2 PFG 2693											
NO.物料编码	mm ² (**)	Conductor 导体			Insulation绝缘								
		Material 材料	Cond.Size 导体结构 (mm)	Stranded OD.max. 最大绞合外径 (mm)	Material 材料	Nominal OD. 标称外径 (mm)	Nominal Thickness 标称厚度 (mm)	Min Thickness 最小厚度 (mm)	Color 颜色	Conductor Resistance 20°C导体电阻 (mΩ/m)	Spark test 火花电压		
ESB400-XX-007	4mm ²	Bare copper 裸铜	133/ (0.20±0.008)	2.66	XLPO	4.30±0.20	0.80	0.64	Black or other黑色 或其它颜 色	≤4.71	7kV AC		
ESB600-XX-003	6mm ²		190/ (0.20±0.008)	3.42		4.80±0.20	0.80	0.64		≤3.14	7kV AC		
ESBA10-XX-006	10mm ²		323/ (0.20±0.008)	4.40		6.25±0.20	1.00	0.80		≤1.82	7kV AC		
ESBA16-XX-005	16mm ²		513/ (0.20±0.008)	5.70		8.10±0.20	1.00	0.80		≤1.16	7kV AC		
ESBA25-XX-005	25mm ²		798/ (0.20±0.008)	6.70		10.20±0.20	1.30	1.04		≤0.743	10kV AC		
ESBA35-XX-007	35mm ²		1121/ (0.20±0.008)	8.00		11.50±0.30	1.30	1.04		≤0.527	10kV AC		
ESBA50-XX-007	50mm ²		1596/ (0.20±0.008)	9.50		13.60±0.30	1.50	1.20		≤0.368	10kV AC		
ESBA70-XX-005	70mm ²		2257/ (0.20±0.008)	11.50		15.50±0.40	1.50	1.20		≤0.259	10kV AC		
ESBA95-XX-007	95mm ²		1887/ (0.254±0.008)	13.50		18.20±0.40	1.60	1.28		≤0.196	12kV AC		
ESBA120-XX-008	120mm ²		2368/ (0.254±0.008)	15.60		20.20±0.40	1.80	1.44		≤0.161	13kV AC		
ESBA150-XX-004	150mm ²		2960/ (0.254±0.008)	17.70		22.50±0.40	2.00	1.60		≤0.129	13kV AC		
Remark; 1.The number of conductor root is allowable deviation plus or minus 5%. 2."XX" Different color. For example, "01" is black, "03" is red, "04" is orange, "0506" is yellow/green(single strip). 备注: 1.导体根数允许偏差±5%; 2."XX"表示不同颜色, 如: "01"为黑色, "03"为红色, "04"为橙色, "05/06"为黄/绿单注。													
Marking印字		2 PFG 2693 ESL15Z3-K **mm ² Wuxi Xinhongye Wire & Cable Co., Ltd.											
Physical Properties 物理性能	Elongation断裂伸长率	Un-aged老化前	≥125%			CONSTRUCTION D.W.G示意图 							
	Strength抗张强度		≥8N/mm ²										
	Short-term aging 短期老化		158±2°C×168h	Variation of tensile strength and elongation max. -30%. 机械性能变化率最大-30%									
	Hot set test热延伸试验	200±3°C×15min	Permanent elongation after cooling, max.25%. 冷却后永久伸长≤25%										
	Resistance against acid and alkaline solution test 耐酸碱试验	2 PFG 2693	PASS										
	Cold bend test冷弯试验	-40±2°C×4h	No Cracking 卷绕不开裂, 耐压不击穿										
	Flame test阻燃试验	EN 60332-1-2	PASS										
	Bending radius弯曲半径	/	≤50mm ² : ≥5×OD; >50mm ² : ≥6×OD										
Electrical Properties 电气性能	Dielectric-withstand test成品耐压	6kVAC/5Min; 7kVAC/1Min											
	Insulation volume resistivity at 20°C 绝缘体积电阻率	≥10 ¹¹ Ω·mm											
Packing包装		Wood Spool(Other packaging style for further consulting.) 木轴 (双方协商包装)											

Designed设计: 安夏天

Checked审核: /

Approved批准: 赵也

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