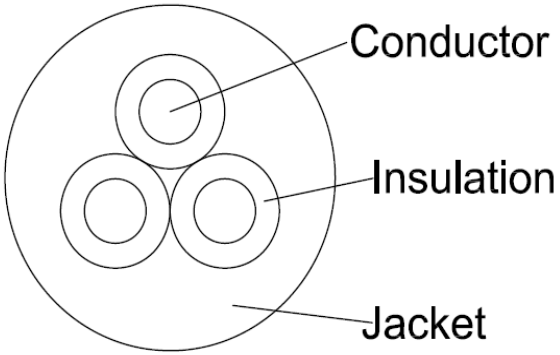
SPECIFICATION FOR APPROVAL

1.Construction	H07RN-F 3G4.0㎜²			**Revision:**	**A/0**	**Form No.**	**ZHH07RNF4.0Q0301**
Rated Voltage	450/750V	Rated Temperature	60℃	**CONSTRUCTION D.W.G**			
Conductor	㎜²	4.0					
	Material	Stranded Bare Copper					
	Cond.Size	56/（0.29±0.008）					
	Stranded OD.(mm)	2.50					
Insulation	Material	EI4乙丙橡胶或等效弹性体					
	Min.Thickness（mm）	0.80					
	Min. Average Thickness	1.00					
	OD.(mm)	4.60±0.10					
	Color	Brown，Blue，Yellow/Green					
Sheath	Material	EM2氯丁橡胶或等效弹性体					
	Min.Thickness（mm）	1.52		Rubber insulated cables.			
	Min. Average Thickness	1.90		**4.Marking XN503**			
	OD.(mm)	14.0±0.3		◄VDE► 40020334 H07RN-F 450/750V 3G4mm² KTL SU01048-6004 SAA101170EA GP-85-PCP 0.6/1.0KV HEAVY DUTY CCC A005618 60245 IEC 66(YCW) 450/750V 3×4mm² WUXI ZHONGHUI WIRE & CABLE CO., LTD			
	Color	Black					

2. Physical Properties			
Item		Specification	
		Insulation	Sheath
Elongation	Un-aged	≥200%	≥300%
Strength		≥5N/㎜²	≥10N/㎜²
Aged condition:	100±2℃×168h（70±2℃ ×240h，Sheath）	≥75% Original	≥85% Original
		≥75% Original	≥75% Original
Cold bend test	(-35±2.0℃×16h)	No cracking	
Thermal elongation test	200±3℃，15min，0.2N/㎜²	Elongation：100%；	After cooling：25%

5.Standard	a) EN50525-2-21 2011 b) RoHS EU Directive 2011/65/EU
6.Packing	(a) 100m./Roll (b) According to customer requirements

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3.Electrical Properties			
Item	SPECIFICATION		
Conductor Resistance AT 20℃：	≤4.95Ω/km		
Dielectric-withstand test：	AC 2500V/5min ， No Breakdown		
Spark test：	AC 7500V ， No Breakdown		

型号	**H07RN-F**	**APPROVED (CUSTOMER)**	
规格	**3G4.0㎜²**		
批准	**胡晓武**		
审核	/		
编制	**甘宇航**		
日期	**2023-7-15**		