

## DESCRIPTIONS

H1Z2Z2-K/62930 IEC 131 4.0mm<sup>2</sup> Tinned Copper Non-Halogen EN 1500V

## STANDARDS

IEC 60228, IEC 60332 -1-2, IEC 60754, IEC 60811 -2-1, IEC 61034, IEC 61215  
 EN 50618 File No.:R50581550  
 IEC 62930 File No.:R50581553  
 ROHS 2011/65/EU

## CABLE CONSTRUCTION



Conductor	Stranded tinned copper
Size	4mm <sup>2</sup>
Stranding	56/0.285±0.01mm
Diameter	2.4mm
Primary Insulation	XLPE
Minimum Average Thickness	0.7mm
Color	White
Secondary Insulation	XLPE
Minimum Average Thickness	0.8mm
Color	Red
Outer Diameter	5.5±0.15mm


## ELECTRICAL CHARACTERISTICS

Voltage Rating	AC: 1000/1000V; DC: Max.1500V
EN 50618/IEC 62930	
Ambient Temperature	-40°C up to 90°C
Insulation Resistance At 20°C	≥ 709 MΩ.km
Current carrying capacity AT 30°C	57A
Spark test	10000 VAC
Voltage Withstand	6500 VAC
Conductor Resistance AT 20°C	≤5.09 Ω/km

## OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 5 X O.D.
Static	≥ 4 X O.D.
Ozone resistant	IEC 60811-403
Low smoke emission	IEC 61034-2,light transmittance ≥ 60%
Weathering/UV resistance	IEC 62930 Annex E
Halogen free	IEC 62821-1 Annex B
Flame retardant	IEC 60332-1-2

## PRINT LEGEND

SUNTRANS  TÜV H1Z2Z2-K 62930 IEC 131 1x4.0mm<sup>2</sup> PV CABLE DC 1500V HALOGEN FREE LOW SMOKE R50581550 R50581553 CPR-Cca- s1b,d2,a1

## PACKAGING

- a) 500m/Drum
- b) Consulting if delivering in other ways.