

Data sheet for RQQ 1X50

Application

Double insulated halogen free single wire

Art. No: 2201
 Conductor: IEC 60228,5
 Construction: EN 50363,7
 EN 50363,8
 Flame retardant: EN 50575:2014 + A1: 2016
 CPR-class: Dca s1a, d2, a1

50mm² Copper conductor acc. to IEC 60228,5

Properties	Nominal Value	Unit
Wire in conductor, approx.	363-378	pcs
Wire diameter	0,40	mm
Resistance, max at 20°C.	0,386	Ω/km
Copper weight	480	Kg/km

Insulation of 50mm² conductor acc. to EN 50363,7

Properties	Nominal Value	Unit
Material	HFFR	
Temperature range	-30 to +70	°C
Nom. Wall thickness	1,4	mm
Nom. Outer diameter	12 ± 0,5	mm
Colour	Natural	

Outer sheath of 1x50mm² conductor acc. to EN 50363,8

Properties	Nominal Value	Unit
Material	HFFR	
Temperature range	-30 to +70	°C
Nom. Wall thickness	1,4	mm
Nom. Outer diameter	14,3 ± 0,6	mm
Colour	Customer's choice	

Specific properties

Properties	Nominal Value	Unit
Voltage range U ₀ /U	0,6/1	kV
Temperature rating material	-30 to +90	°C
Bending radius	4xOD	mm
Flame properties	CPR-Class Dca s1a, d2, a1	
Halogen content	IEC 60754-1, -2	
Smoke Density	IEC 61034-2	
Marking	Amokabel RQQ 1x50 0,6/1kV YY/WW CE	
RoHS directive	Pass	
Approval	CE, LVD 2014/35/EU	

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