

3D PRINTING AND DESIGN REFERENCE DOCUMENT

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Document No.:	1792669443
Author(s):	jattie
Contributor(s):	

REVISION HISTORY

Revision	Details of Modification(s)	Reason for modification	Date	By
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Wiring Standards

Conductor - AWG	Conductor - Construction No.x ømm	Conductor - Construction No.x ømm	Conductor - Diameter (mm)	Insulator - Insulator Thick	Insulator - Over Diameter (mm)	Electrical Characteristic - Realst.max Cuc,c20°C (ohm/km)	Cross-sectional area - (mm*mm)	Permissible ampacity 20°C-AMR - (A)
30	20/0.06	11/0.08	0.3	0.55	0.8	331.0	0.05	0.7
28	28/0.06	16/0.08	0.36	0.55	1.2	227.2	0.08	1.5
26	60/0.05	30/0.08	0.46	0.55	1.4	123	0.15	2.5
24	70/0.06	40/0.08	0.61	0.55	1.5	97.6	0.2	3
22	110/0.06	60/0.08	0.78	0.55	1.7	88.6	0.3	5
20	180/0.06	100/0.08	0.92	0.55	1.8	62.5	0.5	7.5
18	270/0.06	150/0.08	1.19	0.55	2.3	39.5	0.75	9

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