Schedule Of Technical Particulars

Item code T - 3431

Triplex Cable 2 AWG (Lobster)

Phase Cores

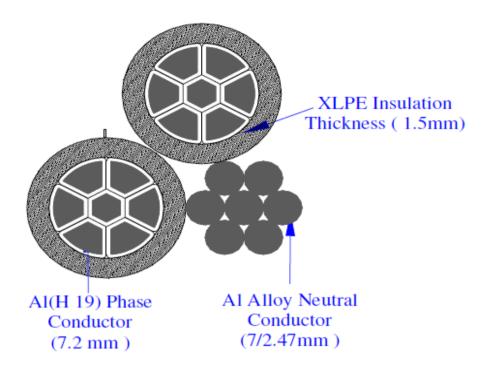
Material		\rightarrow	Aluminium 1350 (H19)		
Conductor Size		\rightarrow	2 AWG		
Nominal Area		\rightarrow	33.6	mm	
Number of Aluminium Wire		\rightarrow	7		
Shape of the Conductor		\rightarrow	Stranded (Stranded Compressed	
Compressed Diameter	(Nominal)	\rightarrow	7.2	mm	
Rated Strength	Min	\rightarrow	5.99	kN	
Lay Direction		\rightarrow	Z	Right Hand	
Phase Core Lay Factor	Min	\rightarrow	8		
	Max	\rightarrow	16		
Calculated DC Resistance at 20°C	Max	\rightarrow	0.856	Ω/km	
Insulation Material		\rightarrow	XLPE		
Insulation Colour		\rightarrow	Black		
Insulation Thickness	avg	\rightarrow	1.5	mm	
	Min	\rightarrow	1.4	mm	
Core Identification	Phase 1	\rightarrow	Plain		
	Phase 2	\rightarrow	1 Ridge		
itral Core					
Material		→	Aluminium Alloy 6201		
Conductor Size		\rightarrow	2 AWG		
Nominal Area		\rightarrow	33.6	mm²	
Construction		\rightarrow	7/2.47	mm	
Shape of Conductor		\rightarrow	Circular Stranded		
Rated Strenth	Min	\rightarrow	10.25	kN	
Lay Direction		\rightarrow	Z	Right Hand	
Neutral Core Lay Factor	Min	\rightarrow	10		
	Max	\rightarrow	16		
Calculated DC Resistance at 20°C	Max	\rightarrow	0.992	Ω/km	
Core Identification		\rightarrow	Bare		
	Conductor Size Nominal Area Number of Aluminium Wire Shape of the Conductor Compressed Diameter Rated Strength Lay Direction Phase Core Lay Factor Calculated DC Resistance at 20°C Insulation Material Insulation Colour Insulation Thickness Core Identification Atral Core Material Conductor Size Nominal Area Construction Shape of Conductor Rated Strenth Lay Direction Neutral Core Lay Factor Calculated DC Resistance at 20°C	Conductor Size Nominal Area Number of Aluminium Wire Shape of the Conductor Compressed Diameter (Nominal) Rated Strength Min Lay Direction Phase Core Lay Factor Min Max Calculated DC Resistance at 20°C Max Insulation Material Insulation Thickness avg Min Core Identification Phase 1 Phase 2 Intral Core Material Conductor Size Nominal Area Construction Shape of Conductor Rated Strenth Min Lay Direction Neutral Core Lay Factor Min Max Calculated DC Resistance at 20°C Max	Nominal Area Number of Aluminium Wire Shape of the Conductor Compressed Diameter Rated Strength Lay Direction Phase Core Lay Factor Min Max Calculated DC Resistance at 20°C Insulation Thickness Insulation Thickness Avg Min Core Identification Material Conductor Size Nominal Area Construction Shape of Conductor Rated Strenth Lay Direction Min Max Avg Min Phase 2 Autral Core Material Conductor Size Nominal Area Construction Shape of Conductor Rated Strenth Lay Direction Neutral Core Lay Factor Min Max Avg Min Avg Avg Min Avg Avg Min Avg Avg Avg Min Avg Avg Avg Avg Avg Avg Avg Av	Nominal Area Nominal Area Number of Aluminium Wire Shape of the Conductor Compressed Diameter Rated Strength Lay Direction Phase Core Lay Factor Insulation Material Insulation Thickness Material Core Identification Material Conductor Size Nominal Area Construction Material Conductor Size Nominal Area Construction Shape of Conductor Rated Strenth Lay Direction Min And Aluminium Conductor Size Nominal Area Construction Shape of Conductor Rated Strenth Lay Direction Neutral Core Lay Factor Min Min And Min Aluminium Conductor Size Nominal Area Construction Shape of Conductor Rated Strenth Min Neutral Core Lay Factor Min Neutral Core Lay Factor Min Max And Min Min And Min	

Complete Cable

25	Maximum Lay Pitch		\rightarrow	85	cm
26	Lay Direction		\rightarrow	Z	Right Hand
27	Marking to be Engraved	Phase 1	\rightarrow	Manufacturers name	

Reference Standards: ASTM B231-90, ASTM 230, Customer Specification, NFC 33-209, ASTM B 901

R.A Arunajith Perera Electrical Engineer Techinical Services Department ACL



R.A Arunajith Perera Electrical Engineer Technical Services Department ACL

all dimensions are in mm

Allied Cables

Allied Cables Ltd

Allied Works, Liverpool Road, Warrington, Cheshire WA5 1AP

AL/XLPE Triplex Cable 2 AWG (Lobster)

Item Code: T - 3431

Checked: Eng EX Approved: EE(TSD)

Date:30.10.17Scale:not to scale