

ENAMEL AND FIBERGLASS AND/OR MIXED YARN INSULATED WIRE

Characteristics		
Conductor material	<ul style="list-style-type: none"> • Copper soft or with controlled proof stress (CPR) • Aluminium soft 	
Type of insulation	<p>Options: Theic-modified polyester-imide with overcoat polyamide-imide (class 200)</p> <p>Covered with:</p> <ul style="list-style-type: none"> • impregnated glassfibre or • mixed yarn or • combination of mixed yarn and impregnated glassfibre <p>Type of varnish for impregnation:</p> <ul style="list-style-type: none"> • polyurethane (TI 155) • polyesterimide (TI 180) • epoxy (TI 155) • epoxy B-stage (TI 155) 	
Insulation options	<p>Enamel: grade 1 or 2, plus:</p> <ul style="list-style-type: none"> • 1 or 2 layers tangetially lapped • 2 layers cross lapped • Insulation increase to IEC 60317-0-4 	
Standards	Customer Specification	
Standard range of dimensions	Copper	Aluminium
cross-section (mm²)	3 to 85	10 to 85
width (mm)	2,00 to 18,00	4,00 to 15,00
thickness (mm)	1,00 to 6,00	1,40 to 6,00
ratio w/t	1,25 to 12,00	1,4 to 10,00
Applications	<ul style="list-style-type: none"> • High voltage motors/generators • Industrial motors • Special transformers 	