

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 polyamideimide (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 tangentially lapped• 2 layers cross lapped• Insulation increase to IEC 60317-0-4	
Standards	<ul style="list-style-type: none">• Customer Specification	
Standard range of dimenons cross-section (mm2) width (mm) thickness (mm) ratio w/t	Copper	Aluminium
	3 to 85	10 to 85
	2,00 to 18,00	4,00 to 15,00
	1,00 to 6,00	1,40 to 10,00
	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	