



Products and Solutions

	Norm	Thermal Index	Breakdown Voltage	Insulation enlogation	Minimum dimension	Maximum dimension	Construction	Application	
Enamelled rectangular winding wires	LLID-1	EN 60317-28	180°C (H)	1 000 V	width up to 10 mm: 4 (max. xd) width over 10 mm: 5 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	18,0 x 3,5 mm	Copper conductor insulated by cured enamel on polyesterimide basis.	Suitable for common winding classes and high thermal loads.
	LLID-2	EN 60317-28	180°C (H)	2 000 V	width up to 10 mm: 4 (max. xd) width over 10 mm: 5 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	18,0 x 3,5 mm	Copper conductor insulated by cured enamel on polyesterimide basis.	Suitable for common winding classes and high thermal loads.
	LAID-1	PN VUKI 25 005	180°C (H)	800 V	width up to 10 mm: 8 (max. xd) width over 10 mm: 10 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	18,0 x 3,5 mm	Aluminium conductor insulated by cured enamel on polyesterimide basis.	Suitable for common winding classes and high thermal loads.
	LAID-2	PN VUKI 25 005	180°C (H)	1 300 V	width up to 10 mm: 8 (max. xd) width over 10 mm: 10 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	18,0 x 3,5 mm	Aluminium conductor insulated by cured enamel on polyesterimide basis.	Suitable for common winding classes and high thermal loads.
Insulated rectangular winding wires	OLKL-1	EN 60317-0-4	155°C (F)	350 V	width up to 8 mm: 10 (max. xd) width over 8 mm: 15 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Copper conductor covered with glass-fibre once in opposite direction and impregnated by electro-insulating enamel.	Suitable for various low operating voltages loads.
	OLKL-2	EN 60317-0-4	155°C (F)	560 V	width up to 8 mm: 10 (max. xd) width over 8 mm: 15 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Copper conductor covered with glass-fibre twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for various low operating voltages loads.
	OLIK-1	EN 60317-0-4 EN 60317-31	180°C (H)	1 500 V	width up to 8 mm: 10 (max. xd) width over 8 mm: 15 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Polyesterimide enamelled copper conductor, covered with glass-fibre once in opposite direction and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages (up to 6 kV) and for traction windings.
	OLIK-2	EN 60317-0-4 EN 60317-31	180°C (H)	2 000 V	width up to 8 mm: 10 (max. xd) width over 8 mm: 15 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Polyesterimide enamelled copper conductor, covered with glass-fibre twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages (up to 6 kV) and for traction windings.
	OLIV	PN VUKI 25 003	155°C (F)	2 000 V	width up to 8 mm: 10 (max. xd) width over 8 mm: 15 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Polyesterimide enamelled copper conductor, covered with combined glass-fibre + PET ribbons, twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for high thermal loads.
	OLEKA	PN VUKI 25 002	155°C (F)	3 500 V	width up to 6 mm: 40 (max. mm) width over 6 mm: 7 x width	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Copper conductor, covered with PET ribbons + twice in opposite direction wounded glass-fibre and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages (up to 6 kV).
	OAKL-1	PN VUKI 25 006	155°C (F)	350 V	width up to 8 mm: 10 (max. xd) width over 8 mm: 15 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Aluminium conductor covered with glass-fibre once in opposite direction and impregnated by electro-insulating enamel.	Suitable for various low operating voltages loads.
	OAKL-2	PN VUKI 25 006	155°C (F)	560 V	width up to 8 mm: 10 (max. xd) width over 8 mm: 15 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Aluminium conductor covered with glass-fibre twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for various low operating voltages loads.
	OAIK-1	PN VUKI 25 007	180°C (H)	1 300 V	width up to 8 mm: 10 (max. xd) width over 8 mm: 15 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Polyesterimide enamelled aluminium conductor, covered with glass-fibre once in opposite direction and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages (up to 6 kV) and for traction windings.
	OAIK-2	PN VUKI 25 007	180°C (H)	1 800 V	width up to 8 mm: 10 (max. xd) width over 8 mm: 15 (max. xd)	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Polyesterimide enamelled aluminium conductor, covered with glass-fibre twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages (up to 6 kV) and for traction windings.
OAEKA	PN VUKI 25 008	155°C (F)	3 500 V	width up to 6 mm: 40 (max. mm) width over 6 mm: 7 x width	2,5 x 1,6 mm / 3,5 x 0,8 mm	12,0 x 5,0 mm / 18,0 x 3,5 mm	Aluminium conductor, covered with PET ribbons + twice in opposite direction wounded glass-fibre and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages (up to 6 kV).	
Insulated round winding wires	OClK-1G1	EN 60317-49	180°C (H)	Ø 0,8 - 1,0mm: 750 V Ø 1,06 - 2,5mm: 1000 V Ø 2,6 and more: 1200 V	Ø 0,8 - 5,00mm: maximum 10x multiple core rectangular section	0,8 mm	5,00 mm	Polyesterimide enamelled copper conductor, covered with glass-fibre once or twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages and for traction windings.
	OClK-1G2	EN 60317-49	180°C (H)	Ø 0,8 - 1,0mm: 1000 V Ø 1,06 - 2,5mm: 1200 V Ø 2,6 and more: 1500 V	Ø 0,8 - 5,00mm: maximum 10x multiple core rectangular section	0,8 mm	5,00 mm	Polyesterimide enamelled copper conductor, covered with glass-fibre once or twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages and for traction windings.
	OClK-2G1	EN 60317-49	180°C (H)	Ø 0,8 - 1,0mm: 1000 V Ø 1,06 - 2,5mm: 1260 V Ø 2,6 and more: 1600 V	Ø 0,8 - 5,00mm: maximum 10x multiple core rectangular section	0,8 mm	5,00 mm	Polyesterimide enamelled copper conductor, covered with glass-fibre once or twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages and for traction windings.
	OClK-2G2	EN 60317-49	180°C (H)	Ø 0,8 - 1,0mm: 1200 V Ø 1,06 - 2,5mm: 1500 V Ø 2,6 and more: 1800 V	Ø 0,8 - 5,00mm: maximum 10x multiple core rectangular section	0,8 mm	5,00 mm	Polyesterimide enamelled copper conductor, covered with glass-fibre once or twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for high thermal loads at high operating voltages and for traction windings.
	OClKLI-G2	EN 60317-49	180°C (H)	Ø 0,8 - 1,0mm: 260 V Ø 1,06 - 2,5mm: 260 V Ø 2,6 and more: 300 V	Ø 0,8 - 5,00mm: maximum 10x multiple core rectangular section	0,8 mm	5,00 mm	Copper conductor covered with glass-fibre once or twice in opposite direction and impregnated by electro-insulating enamel.	Suitable for various low operating voltages loads.