

AFY

Conductoare de aluminiu izolate pentru instalatii fixe | Rigid aluminium insulated conductors



Constructie	Construction
1. Conductor de aluminiu unifilar clasa 1, sau multifilar clasa 2 2. Izolatie din PVC	1. Solid or multiwire aluminium conductor 2. PVC insulation
Specificatia tehnica	Technical specification
Tensiunea nom.: 450/750 V Temperatura de lucru: min. -40 °C max. +70 °C Temperatura minima: – instalare si manipulare: +4 °C – depozitare: -40 °C Temperatura max. de depozitare: +40 °C Standard de fabricatie: SR HD 21.3 S3, STAS 6865 Utilizare: in incaperi uscate, pentru instalatii fixe si sub tencuiala, pentru aparatura electrica si statii de distributie. Culoarea izolatiei: negru, alb, gri, maro, albastru, galben-verde, rosu; alte culori la comanda Ambalare: colaci de 100 si 200 m acoperiti cu folie din plastic, cutii de carton, bobine.	Rated voltage: 450/750 V Operating temperature: min. -40 °C max. +70 °C Min. temperature: – with installation and handling: +4 °C – storage: -40 °C Max. storage temperature: +40 °C Manufacturing standard: SR HD 21.3 S3, STAS 6865 Use: in dry rooms, for fixed installation in conduits and under plaster, for appliance wiring and distribution stations. Colour of insulation: black, white, grey, brown, blue, green/yellow, red; others acc. to the agreement Standard packing: coils 100 and 200 m covered with plastic foil, in carton boxes, reels

Sectiune Cross section (mm ²)	Forma conductor Conductor shape	Grosime izolatie Insulation thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)	Sarcina Current carrying capacity (A)
2.5	ru	0.8	3.3	16		
4	ru	0.8	3.8	22		27
6	ru	0.8	4.3	30		34
10	ru	1.0	5.5	49		47
16	ru	1.0	6.4	70	1.9100	63
25	ru	1.2	7.9	108	1.2000	82
35	ru	1.2	9.0	141	0.8680	99
50	rm	1.4	11.9	201	0.6410	119
70	rm	1.4	13.7	271	0.4430	152
95	rm	1.6	16.1	372	0.3200	186
120	rm	1.6	17.7	453	0.2530	216
150	rm	1.8	19.7	560	0.2060	246
185	rm	2.0	21.6	647	0.1640	285
240	rm	2.2	24.7	866	0.1250	338

ru – conductor rotund unifilar | round solid conductor

rm – conductor rotund multifilar | round stranded conductor

sm – conductor sector multifilar | stranded sector shaped conductor