



FY – Conductor rigid izolat cu PVC

H05V-U, H07V-U – Single solid core conductor with PVC

Standarde / Standards SR HD 21.3.S3 + A1:2001;
 SR CEI 60050 (461) + A1/A2:2006
 SR EN 60228 : 2005
 ST 18-2006 – ETM



CONSTRUCTIA CONSTRUCTION	
Conductor	conductor cupru solid clasa 1 sau 2
Conductor	solid copper conductor class 1 or 2
Izolatie	PVC
Insulation	PVC insulation
CARACTERISTICI TEHNICE TECHNICAL DATA	
Tensiunea nominala	300/500V pentru 0,75 mm ² si 1 mm ² 450/750V pentru 1,5 mm ² si 16 mm ²
Rated Voltage	300/500V for 0,75 mm ² and 1 mm ² for H05V-U 450/750V for 1,5mm ² and 16 mm ² for H07V-U
Temperatura maxima admisa pe conductor	+70°C
Max. permissible conductor temperature	+70°C
Tensiunea de incercare	2kV, 50Hz, timp de 5 min., in apa pt. 0,75mm ² si 1mm ² 2,5kV, 50Hz, timp de 5 min., in apa pt. 1,5mm ² pana 16mm ²
Testing voltage	2kV, 50Hz, for 5 min., in water for H05V-U 2,5kV, 50Hz, for 5 min., in water for H07V-U
Culori	negru, albastru, maro, verde-galben, rosu, alb
Colors	black, blue, brown, green-yellow, red, white
UTILIZARE UTILIZATION	
Aplicare	in instalatii electrice fixe, montate in tuburi de protectie.
Application	for fixed installation in conduits, cable ducts

Tipul Conductorului	Nr. de conductoare	Sectiunea	Grosimea Nominala a izolatiei	Diametru exterior maxim	Greutatea cablului	Rezistenta Cablului la 20°C
Type of cable	No. of cores	Cross-section	Insulation Thickness	Maxim Diameter	Cables mass	Effective Resistance of cables
		[mm ²]	[mm]	[mm]	[kg/km]	[Ω/km]
FY / H05V-U	1	1,00	0,60	2,70	12	18,1
FY / H07V-U	1	1,50	0,70	3,20	19	12,1
FY / H07V-U	1	2,50	0,80	3,90	29	7,41
FY / H07V-U	1	4,00	0,80	4,40	45	4,61
FY / H07V-U	1	6,00	0,80	5,00	60	3,08
FY / H07V-U	1	10,00	1,00	6,40	106	1,83