Harmonized Wire Coding System

This chart illustrates the harmonization code for cable “H05VVF3G0.75”

Types	
Harmonized	H
Other standard	A
Voltage Rating*	
300/300V	03
300/500V	05
450/750V	07
Insulation and Jacket Material	
PVC	V
Rubber (natural or synthetic)	R
Polychloroprene rubber	N
Silicone rubber	S
Ethylene-propylene rubber	B
Polyurethane	Q
Polyolefin-based cross-linked compound having low level of emission of corrosive gasses and which is suitable for use in cables which, when burned, have low emission of smoke	Z
Polyolefin-based thermoplastic compound having low level of emission of corrosive gases and which is suitable for use in cables which, when burned, have low emission of smoke	Z1
Metallic Coverings	
Copper screen as braid over the assembled cores	C4
Construction Detail (Constructional Components)	
Flat, separate cable	H
Flat, non-separate cable	H2
Conductor Material	
Copper	(no symbol)
Aluminum	-A
Conductor Construction (Construction Forms)	
Fine wire-flexible cable—Flexible conductor of a flexible cable or cord	-F
Fine wire-stationary install—Flexible conductor of flexible cable or fixed installations	-K
Number of Conductors	(number)
With ground conductors—Times, where green/yellow core is included	G
Cross-Sectional Size of Conductors in mm2	
Nominal cross-section of conductor in mm^2	(number)

Source for Harmonized Wire Coding System: HD 361 S3

*The rated voltage in an alternating current system, is expressed by the combination of two values U_o/U, expressed in volts, where:
a) “U_o” is the r.m.s value between any insulated conductor and “earth” (metal covering of the cable or the surrounding medium);
b) “U” is the r.m.s. value between any two phase conductors of a multicore cable or of a system of a single core cables.
In an alternating current system, the rated voltage of a cable should be at least equal to the nominal voltage of the system for which it is intended. This condition applies to the values of both U_o and U.
Source: EN 50525–1 Section 4