



**H07V-R**

<b>1. Cable Type</b>				<b>Item</b>
1.1	Section	(mm <sup>2</sup> )	16	
1.2	Rated Voltage (U <sub>0</sub> /U)	(V)	450/750	
1.3	Standart No		EN 50525-2-31	
1.4	Cable Code		H07V-R	
<b>2. Conductor</b>				
2.1	Conductor Material		Cu	
2.2	Conductor Structure		Circular compacted conductor (Class II)	
2.3	Nominal Cross-Section	(mm <sup>2</sup> )	16	
2.4	Number of wires and diameter	(mm)	7x1,74	
2.5	Conductor Diameter	(mm)	4.8	
2.6	Conductor DC resistance at 20°C (max.)	(ohm/km)	1.15	
2.7	Maximum operating temperature	(°C)	70	
2.8	Maximum Short Circuit Temperature (5 sn)	(°C)	160	
<b>3. Insulation</b>				
3.1	Material		PVC	
3.2	Nominal Insulation Thickness	(mm)	1.0	
<b>4. Overall</b>				
4.1	Cable Diameter	(mm)	6.8	
4.2	Cable Weight (appr.)	(kg/km)	165	
4.3	Current Carrying Capacity (air)	(A)	98	
	Current Carrying Capacity (conduit)	(A)	61	
4.4	Delivery Lenght	(mt)	1000	