

TECHNICAL DATA SHEET

H07Z-R

H07Z-R				
1		Type of Cable		
	1.1	Cross-section	(mm ²)	1x16
	1.2	Designation voltage (Uo/U)	(kV)	450/750
	1.3	Standard no		BS EN 50525-3-41
	1.4	International code		H07Z-R
2		Conductor		
	2.1	Conductor material		CU
	2.2	Conductor construction		Stranded conductor
	2.3	Nominal cross-sectional area	(mm ²)	16
	2.4	Number and nominal diameter of wires	(mm.)	7x1,74
	2.5	Diameter of conductor	(mm.)	4,85
	2.6	Maximum D.C. resistance at 20 °C	(ohm/km.)	1,15
	2.7	Maximum operating temperature	(°C)	90
	2.8	Short-circuit temperature	(°C)	250
3		Outer sheath		
	3.1	Material		LSZH
	3.2	Nominal thickness	(mm.)	1,00
4		General		
	4.1	Overall diameter of cable	(mm.)	6,85
	4.2	Weight of cable approx.	(kg./km.)	169,40
	4.3	Permissible bending radius	(mm.)	12D
	4.4	Insulation resistance at 90 °C	Mohm km	0,0050

TECHNICAL DATA SHEET

H07V-R				
1		Type of Cable		
	1.1	Cross-section	(mm ²)	1x16
	1.2	Designation voltage (U ₀ /U)	(kV)	450/750
	1.3	Standard no		BS EN 50525-2-31
	1.4	International code		H07V-R
2		Conductor		
	2.1	Conductor material		CU
	2.2	Conductor construction		Stranded conductor
	2.3	Nominal cross-sectional area	(mm ²)	16
	2.4	Number and nominal diameter of wires	(mm.)	7x1,74
	2.5	Diameter of conductor	(mm.)	4,85
	2.6	Maximum D.C. resistance at 20 °C	(ohm/km.)	1,15
	2.7	Maximum operating temperature	(°C)	70
	2.8	Short-circuit temperature	(°C)	160
3		Outer sheath		
	3.1	Material		PVC
	3.2	Nominal thickness	(mm.)	1,00
4		General		
	4.1	Overall diameter of cable	(mm.)	6,85
	4.2	Weight of cable approx.	(kg./km.)	169,60
	4.3	Permissible bending radius	(mm.)	12D
	4.4	Insulation resistance at 70 °C	Mohm km	0,0056