



DEMES KABLO SAN. VE TIC LTD. STI
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 Esenyurt/Istanbul 34522
 Turkey
 Telephone:
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CUSTOMER	:	-
DATE	:	19.03.2019
NO	:	1903-050
REV	:	00

H07V-R/H07V-K/H07V-U

EN 50525-2-31

CONSTRUCTION

CONDUCTOR	Solid, Stranded or Fine-Stranded Annealed Copper Conductor (IEC 60288-Class 1, Class 2 or Class 5)		
INSULATION	PVC Compound		THI (EN 50363-3)

PHYSICAL & ELECTRICAL CHARACTERISTICS

MAX. CONTINUOUS OPERATION TEMPERATURE OF CONDUCTORS	70°C		
MAX. CONDUCTOR TEMPERATURE DURING SHORT CIRCUIT	160°C		
NOMINAL VOLTAGE	450/750 V		
TEST VOLTAGE	2000 V		
OPERATING TEMPERATURE	Fixed	-30°C ... +70°C	Flexible -5°C ... +70°C
MINIMUM BENDING RADIUS	10 X D		

FIRE PERFORMANCE CHARACTERISTICS

FLAME RETARDANT	IEC 60332-1		

OTHER CHARACTERISTICS

MARKING

DEMES KABLO H07V-R/H07V-K/H07V-U Number of Cores X CSA Nom. Voltage CE ROHS Batch Number Date Meter Marking

DIMENSIONS

Number of Core and Cross Section Area (mm ²)				Approx. Overall Diameter (mm) (±5%)	Approx. Cable Weight (kg/km)	Max. Conductor Resistance DC at 20°C (Ohm/km)
1	x	1,5	mm	2,90	21	12,1
1	x	2,5	mm	3,60	33	7,41
1	x	4	mm	4,10	48	4,61
1	x	6	mm	4,60	67	3,08
1	x	10	mm	5,90	111	1,83
1	x	16	mm	6,80	166	1,15
1	x	25	mm	8,40	261	0,727
1	x	35	mm	9,50	353	0,524
1	x	50	mm	11,10	479	0,387
1	x	70	mm	12,80	677	0,268
1	x	95	mm	14,90	929	0,193
1	x	120	mm	16,40	1161	0,153
1	x	150	mm	18,20	1436	0,124
1	x	185	mm	20,20	1781	0,0991
1	x	240	mm	23,00	2334	0,0754
1	x	300	mm	26,10	2926	0,0601
1	x	1,5	mm	2,90	20	13,3
1	x	2,5	mm	3,60	32	7,98
1	x	4	mm	4,10	46	4,95
1	x	6	mm	4,70	65	3,3
1	x	10	mm	6,10	111	1,91
1	x	16	mm	7,20	167	1,21

