

OHVT- 72x0 72x1 72x2 72x3

1 Electrical data

Rated voltage $U_o/U (U_m)$	kV	36/69 (72,5)			
Rated frequency	Hz	50/60			
Highest voltage U_m	kV	72,5 kV			
Lightning impulse voltage $U_{ps} 1,2/50\mu s$	kV	350			
Power frequency withstand voltage 1min dry	kV	175			
Current capacity	A	as per cable			
Permissible short-circuit current I_s	kA	as per cable			
Permissible short-circuit current (shield)	kA/1s	10			
Min Creepage distance	mm	1820	1980	2070	2100

2 Mechanical data

Approx. Length L	mm	1050			
Number of Sheds		7			
Sheds Diameter D_s	mm	155	175	205	225
Min/Max outer diameter over cable insulation	mm	32-40	38-52	50-65	63-77
Max outer diameter over cable oversheath	mm	51	67	82	100
Weight approx.	kg	5	5.5	6	7
Box Size		240 x 260 x 1620			

3 Design data

Material of conductor		Cu or Al
Material of insulator – outer surface		EVA (HVOT)
Colour of insulator		Red
Method of stress control		Resistive
HV DC withstand for DC testing	kV	245
Cable types		Cu-wires, lead sheath, CAS, Cu-tape

