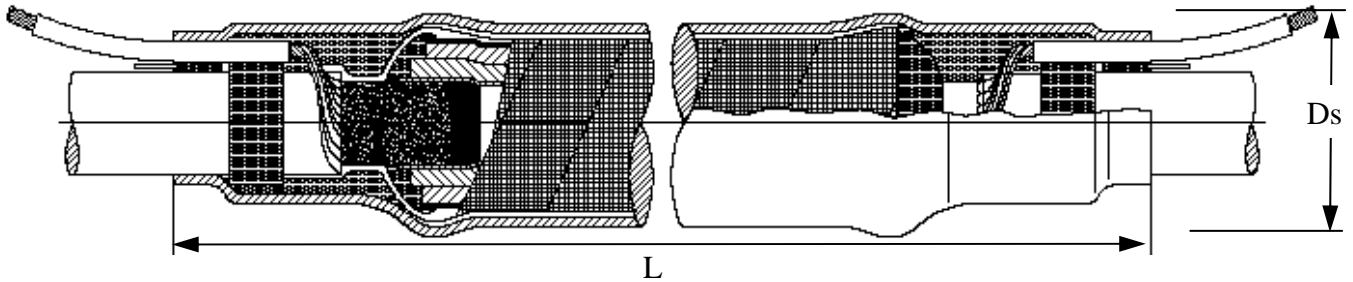


Technical Data sheet



EHVS-72H Size1 Size2 Size3 Size4 Size5

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				
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				
Max. Voltage to ground	kV	40				

2 Mechanical data

Approx. Length L	mm	1300				
Space required for assembly	mm	2500				
Min/Max outer diameter over cable insulation	mm	30-45	42-55	52-65	62-77	70-86
Max outer diameter over cable overshooth	mm	50	70	80	90	100
Joint Area (Ds)	mm	100	110	120	130	135
Weight approx. (including lug)	kg	6,25	7,5	8,75	10,5	10,5
Box Size		240 x 260 x 1620				

3 Design data

Material of conductor		Cu or Al				
Material of protection		WCSM				
Outer surface and colour of protection		Black				
Method of stress control		Resistive				
HV DC withstand for DC testing	kV	245				
Cable types		Cu-wires, lead sheath, CAS, Cu-tape				