

Properties of UNIVOLT

Halogenfree Skirting & Dado Trunking

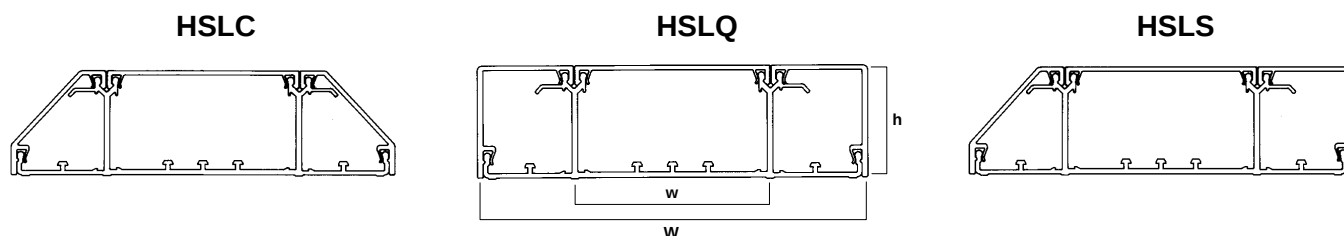
acc. to BS 4678:Part 4

Type HSLC, HSLQ and HSLS

DIETZEL
UNIVOLT

Nominal Sizes, Types and Dimensions

(All dimensions in mm)



Nominal Size	W	w	h	Cross section mm
SLC 50/170	170	85,1	50	1164x3629x1164
SLQ 50/170	170	85,1	50	1651x3629x1651
SLS 50/170	170	85,1	50	1164x3629x1651

Materials: Base: Aluminium
Covers: Halogenfree insulating material (PC-Blend), white

Typical Properties (Covers)

Property	Unit	HSLC, HSLQ, HSLS
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Physical Properties

Halogenfree acc. To IEC 754-1	-	yes
Specific density	g/cm ³	1,2
Modulus of elasticity	N/mm ²	2600
Elongation at break	%	90
Water absorption	%	0.2

Electrical Properties

Dielectric strength	kV/mm	25
Dielectric constant (E 800Hz)	-	2.8

Fire behaviour

acc. to prEN 50085	-	Non flamepropagating
acc. to BS 4678:Part 4	-	Non flamepropagating
Oxygen Index	%	37

Thermal Properties

Temperature resistance	°C	+90
Cold impact resistance	°C	-25
Coefficient of thermal expansion	mm/m/°C	0.7 x 10 ⁻⁴

Mechanical Properties

Cold impact at -25°C	J	>2
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