

UHV 95



Terminal width 40.0

	Terminal sleeve		I	U
	[mm ²]	AWG	[A]	[V]
IEC 947-7-1	35-95	4-000	232	1000



Description		Type	Order No.	Pcs. Pkt.
(1) High current connector , screw set AS on both sides, for rail or cable lug connection		UHV 95-AS/AS	21 30 02 0	10
(2) High current connector , with terminal sleeves KH on one side, and screw set AS on the other side		UHV 95-KH/AS	21 30 12 7	10
(3) High current connector , with terminal sleeves KH on both sides, for direct cable connection		UHV 95-KH/KH	21 30 17 2	10

Accessories

(4) Cover , as subsequent snap-in shock protection with cable lug connection, gray, with warning plate WS-4K		UHV 95-AH	21 30 45 7	10
(5) Connection rail , for cross connection of high current connectors with screw connection M ... or AS	2-pos. 3-pos.	UHV 95-VS 2 UHV 95-VS 3	21 30 63 5 21 30 64 8	10 10
(6) Insertion profile , levels out the prismshaped sleeve base when using flat conductors		UKH 95 EP	30 09 23 1	10
(7) Separating plate , without loss of pitch between the terminal bases, gray, 180 mm wide		UHV-TP 2	21 30 41 5	10
(8) End piece , provided at both sides of the terminal strip, 7.2 mm wide		UHV-E	21 30 42 8	10
(10) Zack strip , 10-section, white		ZB 10 (see info)		
(11) Screwdriver		ISS 6	12 01 93 4	10

Technical data**Dimensions****Dimensions in mm**

Type	H	B
UHV 95 - AS/AS	56	110
UHV 95 - KH/AS	86	114
UHV 95 - KH/KH	86	118.5

Technical data in accordance with IEC/VDE

Maximum load current / cross section	[A] / [mm ²]	232 / 95
Rated surge voltage / contamination class	[kV] / –	8 / 3
Surge voltage category / insulation material group	– / –	III / II

Connection capacity

stranded with ferrule without / with plastic sleeve	[mm ²]	35 - 95 / 35 - 95
Screw set / connection bolts		M 12
Hole diameter / busbar	[mm] / [mm]	13 / 30 x 5
Cable lug DIN 46235	[mm ²]	25 - 95
Cable lug DIN 46234	[mm ²]	10 - 95

Multi-conductor connection (2 conductors with same cross section)

solid / stranded	[mm ²]	25 - 35 / 25 - 35
stranded with ferrule without plastic sleeve	[mm ²]	16 - 35

Stripping length	[mm]	29
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Internal cylindrical gage (IEC 947-1:1988)		B 12
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KH: thread / torque	– / [Nm]	M 8 / 15 - 20
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Screw set AS: torque	[Nm]	25 - 30
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Insulation material		PA-F
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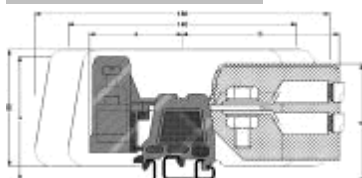
Inflammability class acc. to UL 94		HB
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Temperature indices RTI / Ti		120 / 145
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Approval data (UL and CSA)

Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG	600 / 230 / 2 - 4/0
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	CSA: [V] / [A] / AWG	600 / 200 / 2 - 4/0
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Cable lugs see [table](#)**Dimensional drawing****Block diagram**

