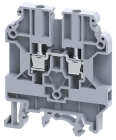
CHV4U



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THE RIGHT CONNECTION

4 sq.mm High Voltage Terminal Blocks.

The CHV series Terminal Block have been specially designed for extremely high voltage (1000 V) application. A specially designed flexible foot enables easy mounting and dismounting from the mounting rail with the help of a screw driver.These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of shorting links / sleeves & screws.

TECHNICAL DATA	
Rated Voltage	1000 V
Rated Current	32 A
Tightening Torque	0.5 Nm
Housing Material	Polymide
Product Function	High Voltage
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 32/DIN 35/DIN 35-15 Rail
Screw Size	M3
Operated by	Screwdriver
Rated Surge Voltage	8 KV
Pollution Degree	3

CONNECTION DATA	
Conductor Cross Section Stranded min.	0.2 mm²
Conductor Cross Section Stranded max.	4 mm²
Conductor Cross Section AWG/Kcmil min	22 AWG
Conductor Cross Section AWG/Kcmil max	10 AWG
Conductor Cross Section Stranded with Ferrule/Lug min	0.2 mm²
Conductor Cross Section Stranded with Ferrule/Lug max	4 mm²
2 Conductors with same Cross Section Stranded min	0.2 mm²
2 Conductor with same Cross Section Stranded max	2.5 mm²
Conductor Cross Section Solid min	0.2 mm²
Conductor Cross Section Solid max	6 mm²
2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min	0.2 mm²
2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max	2.5 mm²
Stripping Length	12 mm

DIMENSIONS	
Height with DIN 32 rail	68.2 mm
Height with DIN 35 x 15 mm rail	70.8 mm
Height with DIN 35 x 7.5 mm rail	63.4 mm
Length	52 mm
Width (Thickness)	6 mm

ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
CHV4U	4 sqmm High Voltage Terminal Block in Grey Colour.	50
CHV4UR	4 sqmm High Voltage Terminal Block in Red Colour.	50
CHV4UY	4 sqmm High Voltage Terminal Block in Yellow Colour.	50
CHV4UBU	4 sqmm High Voltage Terminal Block in Blue Colour.	50

ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA501-1M	Din 32 Rail unslotted 1 meter	50
	CA501-1M-S	Din 32 Rail slotted 1 meter	50
	CA501-2M	Din 32 Rail unslotted 2 meter	50
	CA501-2M-S	Din 32 Rail slotted 2 meter	50
	CA701-1M	Din 35 Rail unslotted 1 meter	50
	CA701-2M	Din 35 Rail unslotted 2 meter	50
	CA701-2M-S	Din 35 Rail slotted 2 meter	50
	CA701-1M-S	Din 35 Rail slotted 1 meter	50
	CA701-15-1M	Din 35 Rail 15 deep unslotted 1 meter	50
	CA701-15-1M-S	Din 35 Rail 15 deep slotted 1 meter	50
	CA701-15-2M	Din 35 Rail 15 deep unslotted 2 meter	50
	CA701-15-2M-S	Din 35 Rail 15 deep slotted 2 meter	50
	CA702	End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails	50
	CA802	End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails	50
	EPUSC	End Plate in Grey colour	50
	SP2.5/4UN	Separator Plate in Grey colour	100

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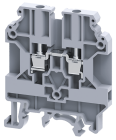

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ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA623/2	Pre assembled Shorting Link for 2 way shorting	100
	CA623/3	Pre assembled Shorting Link for 3 way shorting	100
	CA623/4	Pre assembled Shorting Link for 4 way shorting	100
	CA623/10	Pre assembled Shorting Link for 10 way shorting	10
	CA509/K6	Blank Marking Tag	100
	SCS0.6/3.5	Electricians Screwdriver for slotted screws	10

APPROVALS

RATINGS AS PER STANDARDS

STANDARDS	UL 1059	IEC/EN60947-7-1	CSA C.22.2 No:158
Approvals	UL	CE	CSA
Conductor Cross Section Stranded min.	22 AWG	0.2 mm²	22 AWG
Conductor Cross Section Stranded max.	10 AWG	4 mm²	10 AWG
Rated Voltage	1000 V	1000 V	1000 V
Rated Current	35 A	32 A	35 A
Tightening Torque	7 lb-in	0.5 Nm	7 lb-in

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