

# CTLG2.5EMO V



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THE RIGHT CONNECTION

2.5 sq.mm Triple Level Surge Suppression Terminal Blocks with additional grounding point.

These Terminal Blocks are designed to protect a single line against a longitudinal (line/earth) surge, thereby protecting distribution and input.

### TECHNICAL DATA

Rated Voltage	275 V
Rated Current	6.5 KA
Tightening Torque	0.4 Nm
Housing Material	Polymide
Product Function	With Surge Suppressing Components
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 35/DIN 35-15 Rail
Screw Size	M2.5
Operated by	Screwdriver

### CONNECTION DATA

Conductor Cross Section Stranded min.	0.2 mm <sup>2</sup>
Conductor Cross Section Stranded max.	2.5 mm <sup>2</sup>
Conductor Cross Section AWG/Kcmil min	22 AWG
Conductor Cross Section AWG/Kcmil max	14 AWG
Conductor Cross Section Stranded with Ferrule/Lug min	0.2 mm <sup>2</sup>
Conductor Cross Section Stranded with Ferrule/Lug max	2.5 mm <sup>2</sup>
2 Conductors with same Cross Section Stranded min	0.2 mm <sup>2</sup>
2 Conductor with same Cross Section Stranded max	1.5 mm <sup>2</sup>
Conductor Cross Section Solid min	0.2 mm <sup>2</sup>
Conductor Cross Section Solid max	4 mm <sup>2</sup>
2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min	0.2 mm <sup>2</sup>
2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max	1.5 mm <sup>2</sup>
Stripping Length	9 mm
Internal Cylindrical Gauge	A3

### DIMENSIONS

Height with DIN 35 x 15 mm rail	74 mm
Height with DIN 35 x 7.5 mm rail	66 mm
Length	87.5 mm
Width (Thickness)	6 mm

### SURGE SUPPRESSOR SPECIFICATIONS

Impulse Discharge Current	6.5 KA
Response Time	<25 nsec
Capacitance	20000 F

### ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
CTLG2.5EMOV-30V	2.5 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 30V	50
CTLG2.5EMOV-60V	2.5 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 60V	50
CTLG2.5EMOV-75V	2.5 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 75V	50
CTLG2.5EMOV-130V	2.5 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 130V	50
CTLG2.5EMOV-275V	2.5 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 275V	50

### ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	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
	EPCTLG2.5	End Plate in Grey colour suitable for CTLG2.5 / CTLG2.5(E)MOV Terminal Blocks	50
	CA509/K2G	Marking Tag Blank suitable for CDLG2.5 / CTLG2.5 / CTLG2.5(E)MOV / ADLG2.5 / ATLG2.5 / ATLG2.5H / ATLG2.5 Terminal Blocks	100
	CA509/K2G/H	Marking Tag with Horizontal printing suitable for CDLG2.5 / CTLG2.5 / CTLG2.5(E)MOV Terminal Blocks	100
	CA509/K2G/V	Marking Tag with Vertical printing suitable for CDLG2.5 / CTLG2.5 / CTLG2.5(E)MOV Terminal Blocks	100
	SCS0.6/3.5	Electricians Screwdriver for slotted screws	10

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IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	MC2	MARKER CARD 6MM PITCH WITH 72 TAGS	10

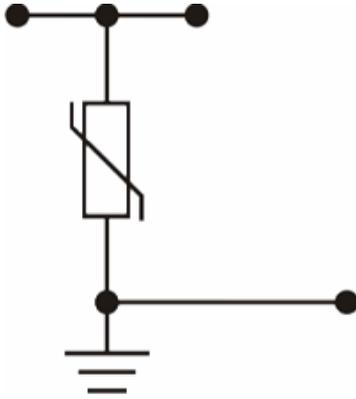
APPROVALS



NOTES

The Rated current is with the use of copper (Cu) conductor/Wire

CIRCUIT DIAGRAM



RATINGS AS PER STANDARDS

STANDARDS	UL 1059	CSA C.22.2 No:158	IEC/EN60947-7-1
Conductor Cross Section Stranded min.	22 AWG	22 AWG	0.2 mm <sup>2</sup>
Conductor Cross Section Stranded max.	14 AWG	14 AWG	2.5 mm <sup>2</sup>
Rated Voltage	275 V	275 V	275 V