CYDLF4L6-60V
4mm²Screw Clamp Screw Clamp Double Level Fuse Terminal Block with 6-60V LED Indication in Grey Colour.

CYDLF4L6-60V isa double-level fuse terminalblock featuringafuse function on the top level and a feedthrough function on the bottom level, effectively combining two functions into a single compact unit. This design eliminates the need for separate terminal blocks, saving up to 50% on DIN rails. An integrated LED indication system provides immediate visual feedback when a fuse is blown, greatly reducing troubleshooting time. Both levels are equipped with jumpering provisions, enabling flexible power distribution and simplified wiring. CYDLF4FT the corresponding feedthrough variant, maintains the same profile for consistent panel layout. These terminal blocks are an ideal solution for streamlining wiring in DCS and process automation systems, enhancing both efficiency and modularity in control panel design.

Ordering Information

Standard Pack	50 Nos
Weight (Excluding Packaging)	28 gms
Weight (Including Packaging)	30.5 gms

Material Details

Material Group	1
Housing Material	Polyamide
Flammability Class According to UL 94	V0
Colour	Grey
Comparative Tracking Index	600

Technical Data

Short-Time Withstand Current	0.48 kA
Type of Connection	Screw Clamp
Wire Entry Orientation	Side
Operating Temperature Range	-40 to +105
Number of Levels	2
Number of Connections	4
Rated Voltage (IEC)	500 V
Rated Current (IEC)	32 A

Tightening Torque (IEC)	0.5 Nm
Rated Voltage (UL/CSA)	300 V
Rated Current (UL/CSA)	10 A
Tightening Torque (UL/CSA)	4.5 lb-in
Mounting Possibility	DIN 35/DIN 35-15 Rail
Internally Shorted	No
Screw Size	M3
Fuse Fail Indication	Yes
Fuse Fail Indication Voltage	6-60 V
Indication Colour	Red
Indication Current Range	0.31---0.95 mA
Operated by	Screwdriver
Rated Surge Voltage	6 kV
Overvoltage Category	III
Pollution Degree	3
Type of Fuse	Glass
Fuse Size	5x20 mm
With Fuse	No

Country of Origin

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Dimensions

Width (Thickness)	6 mm
Length	94.5 mm
Height with DIN 35 x 7.5 mm rail	90.9 mm
Height with DIN 35 x 15 mm rail	98.4 mm

Connection Data

Conductor Cross Section Solid min.	0.2 mm²
Conductor Cross Section Solid max.	6 mm²
Conductor Cross Section Stranded min.	0.2 mm²
Conductor Cross Section Stranded max.	4 mm²
2 Conductors with same Cross Section Stranded min.	0.2 mm²
2 Conductor with same Cross Section Stranded max.	1.5 mm²

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 with TWIN Ferrule/Lug min.	0.5 mm²
2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max.	2.5 mm²
Conductor Cross Section AWG/Kcmil min.	24 AWG
Conductor Cross Section AWG/Kcmil max.	10 AWG
2 Conductors with same Cross Section AWG/kcmil min.	24 AWG
2 Conductors with same Cross Section AWG/kcmil max.	16 AWG
Stripping Length	9 mm
Internal Cylindrical Guage	A4

Approvals

Logo	Approver Name	Standard	Certificate Number
cULus	Underwriters laboratories	UL 1059	E220514-20181220
cCSAus	Canadian standard association	CSA C22.2 No. 158:23	70179396
IEC	Underwriters laboratories	IEC 60947-7-3	70179397

Rating as per Standards

Approvals	Ratings as Per Standard	Conductor Cross Section Stranded min.	Conductor Cross Section Stranded max.	Rated Voltage	Rated Current	Tightening Torque
IEC	IEC 60947-7-3	0.2 mm²	4 mm²	500 V	Upper level - 10 Middle level - 32 A	0.5
UL	UL 1059	24 AWG	10 AWG	300 V	Top level– 10 Middle Level -30 A	4.5
CSA	CSA22.2-158	24 AWG	10 AWG	300 V	Top level– 10 Middle Level -30 A	4.5

Accessories

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA701-1M	DIN35/7.5mm 1 Meter Long Unslotted DIN Rails	25 Nos
	CA701-1M-S	DIN35/7.5mm 1 Meter Long Slotted DIN Rails	25 Nos

	Code	Description	Qty
	CA702	End Clamp with DIN rail clamping screw suitable for DIN32 and DIN35 Type DIN Rails in Grey Colour	50 Nos
	CA802	End Clamp with DIN rail clamping screw suitable for DIN35 Type DIN Rails in Grey Colour	50 Nos
	MC6	Marker Card (Blank) suitable for 6mm width Terminal Blocks	50
	SCS0.6/3.5	Electrician's Screwdriver with 0.6x3.5mm Blade Size suitable for operating Screw, Spring and Push-in Type Terminal blocks	50 Nos