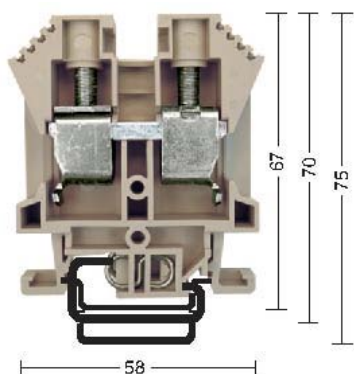




USC 35 - 35 mm²

FEED-THROUGH TERMINAL BLOCK



The product range, with cross sections from 2,5 to 70 mm², has insulating frames made by polyamide with self-extinguish rate UL 94-V0 available in different colours; high purity copper components and mechanical steel clamping jokes guarantee the correct electrical contact and a long-lasting performance including vibration-resistance. Marking system in compliance with the most advanced market standards. Usable on all DIN 60715 rails.

TECHNICAL DATA

Additional dimension and weight

Thickness	16 mm	Net weight	54 g
-----------	-------	------------	------

Rated data in compliance with IEC 947-7-1 Standard

Cross section	35 mm ²	Rated impulse withstand voltage	6 kV
Current	125 A	Test impulse voltage	3,5 kV
Current at maximum wires	168 A	Pollution degree	3
Voltage	1.000 V	Comparative tracking index	CTI≥600

Rated data in compliance with UL 1059 Standard

Cross section	6 ÷ 2 AWG	Voltage	600 V
Current	115 A	File n.	E137870

Rated data in compliance with CSA 22.2 Standard

Cross section	6 ÷ 2 AWG	Voltage	600 V
Current	100 A	File n.	LR 26860-6

Conductors for clamping

Connection range, flexible wire	6 ÷ 35 mm ²	Screwdriver blade size	6,5 x 1,2 mm
Connection range, solid wire	6 ÷ 50 mm ²	Tightening torque (min ÷ max)	2,5 ÷ 3,5 Nm
Connection mode	screw connection	Screw size	M 6
Stripping length	17 mm	Gauge (IEC 947-1)	B9

Working temperatures

Continuous operating temperature, min.	- 40 °C	Continuous operating temperature, max.	+ 110 °C
--	---------	--	----------

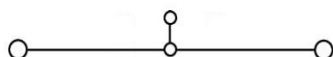
Additional features

Connection direction	by side	Connecting points per level	2
End plate	yes	Number of levels	1
Partition plate	yes	Mounting rails DIN 60715	PU 30, PU 35, PU 35/1
Conductive bar	OT/CU galvanic tin plated	Clamping spring on DIN 60715 rail	stainless steel

Insulating housing

Material type	PA 66	Available colours	beige, blue, orange, red, yellow
UL 94 flammability rating	V0 halogen and phosphorus free		green, grey, black, white

Electrical drawing



Ordering data

Available colours:		CODE	STD. PACKAGE PCS
	beige	USC 35	20
	blue (Ex)i	USC 35 B	20

ACCESSORIES

Ordering data					CODE	STD. PACKAGE	PCS
	END PLATE		beige	DFE 35		20	
			blue	DFE 35 B		20	
End plate for USC 35 and partition plate for USC 16.							
	PARTITION PLATE		beige	DFS 35		20	
			blue	DFS 35 B		20	
	CROSS CONNECTOR PARTITION PLATE		beige	DSP		100	
			blue	DSP B		100	
	CROSS CONNECTOR		10 poles	PR 35		10	
For cross connection from 2 up to 10 terminals.							
	SLEEVE WITH SCREW			CVR 35		50	
For PR 35 cross connector.							
	ONE POLE TEST PLUG Ø 4 mm			SP 4		-	
	TEST PLUG SOCKET			CS 35		50	
	COVER TAGS		(danger sign)	yellow	UTP 35/70	50	
				white	UTB 35/70	50	
				beige	UTI 35/70	50	
				blue	UTI 35/70 B	50	
	In common with USC 35 and USC 70.						
	MARKING SYSTEM	10	tags strip	3x6,5 mm	white	MTU	10
		100	" sheet	6x6,5 mm	white	TNU	5
		56	" sheet	10x5 mm	white	TNB	15
		56	" sheet	10x5 mm	yellow	TNG	15

Tags are available in neutral and marked versions: see their complete availability list on price list, in the "marking system" section.