

USC 6 CRN - 6 mm²

FEED-THROUGH TERMINAL BLOCK



Disconnect terminals, available with nominal cross section of 6 mm², ensure optimum realization of all important circuits for the measurement of current: by means of a central mobile device you can isolate the circuit without disconnecting the conductors, while using mobile jumpers slides you can set up a short-circuit between two, three or four sided terminal blocks.

Marking system in compliance with the most advanced market standards. Usable on all DIN 60715 rails.

TECHNICAL DATA

Additional dimension and weight

Thickness	8 mm	Net weight	24 g
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Rated data in compliance with IEC 947-7-1 Standard

Cross section	6 mm ²	Rated impulse withstand voltage	6 kV
Current	41 A	Test impulse voltage	3 kV
Current at maximum wires	57 A	Pollution degree	3
Voltage	1.000 V	Comparative tracking index	CTI≥600

Rated data in compliance with UL 1059 Standard

Cross section	-	Voltage	-
Current	-	File n.	-

Rated data in compliance with CSA 22.2 Standard

Cross section	-	Voltage	-
Current	-	File n.	-

Conductors for clamping

Connection range, flexible wire	0,5 ÷ 6 mm ²	Screwdriver blade size	4 x 0,8 mm
Connection range, solid wire	0,5 ÷ 10 mm ²	Tightening torque (min ÷ max)	0,6 ÷ 1,0 Nm
Connection mode	screw connection	Screw size	M 3,5
Stripping length	11 mm	Gauge (IEC 947-1)	A5

Working temperatures

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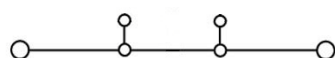
Additional features

Connection direction	by side	Connecting points per level	2
End plate	no	Number of levels	1
Partition plate	no	Mounting rails DIN 60715	PU 30, PU 35, PU 35/15
Conductive bar	OT/CU galvanic tin plated	Clamping spring on DIN 60715 rail	stainless steel

Insulating housing

Material type	PA 66	Colour	beige
UL 94 flammability rating	V0 halogen and phosphorus free		








Electrical drawing



Ordering data

Colour:		beige	CODE	USC 6 CRN	STD. PACKAGE	PCS	50
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ACCESSORIES

Ordering data				CODE	STD. PACKAGE	PCS	
	CROSS CONNECTOR PARTITION PLATE			DSP		100	
	CROSS CONNECTOR	10 poles	PR 6			20	
For cross connection from 2 up to 10 terminals.							
	SLEEVE WITH SCREW			CVR 6		100	
For PR 6 cross connector.							
	PRE-ASSEMBLED CROSS CONNECTOR		2 poles	PP 6/2		50	
			3 poles	PP 6/3		50	
			4 poles	PP 6/4		50	
			10 poles	PP 6/10		20	
	For cross connection of 2, 3, 4 and 10 terminals.						
	ONE POLE TEST PLUG Ø 4 mm			SP 4		-	
	TEST PLUG SOCKET			CS 6		50	
	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	10
			56 " sheet	10x5 mm	yellow	TNG	10

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

- 1) Using fixed bridges PR and PP the insulating plate DSP is firmly required to guarantee the original insulating voltage.