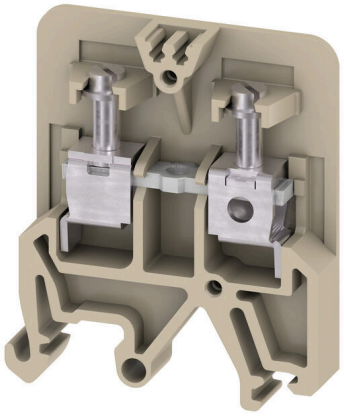
Data sheet

OSC 10 DEK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	SAK Series
Order No.	9154830000
Type	OSC 10 DEK
GTIN (EAN)	4008190898960
Qty.	100 items
Delivery status	This article will no longer be available in the future.
Last order date	2026-06-30T00:00:00+02:00
Alternative product	WDU 6

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Depth	48.5 mm	Depth (inches)	1.9094 inch
Height	48.5 mm	Height (inches)	1.9094 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	12.96 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Insulating material	Wemid
Colour	beige	UL 94 flammability rating	V-0

System specifications

End cover plate required	Yes	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
Mounting rail	TS 35, TS 32		

Additional technical data

Installation advice	Direct mounting	Explosion-tested version	No

CSA rating data

Wire cross section max. (CSA)	8 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	50 A	Certificate No. (CSA)	12400-397
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Stripping length	12 mm	Type of connection 2	Screw connection
Type of connection	Screw connection	Number of connections	2

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²
Wire connection cross-section, finely stranded, max.	16 mm²	Wire connection cross section, finely stranded, min.	1.5 mm²
Connection cross-section, stranded, max.	16 mm²	Connection cross-section, stranded, min.	1.5 mm²
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	1.5 mm²

Dimensions

TS 32 offset	20 mm	TS 35 offset	20 mm

General

Installation advice	Direct mounting	Standards	IEC 60947-7-1
Mounting rail	TS 35, TS 32		

Rating data

Rated cross-section	10 mm²	Rated voltage	600 V
Rated DC voltage	600 V	Nominal current	57 A
Current at maximum wires	57 A	Standards	IEC 60947-7-1

UL rating data

Conductor size Factory wiring max. (UR)	8 AWG	Current size C (UR)	47 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	22 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	8 AWG		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		