

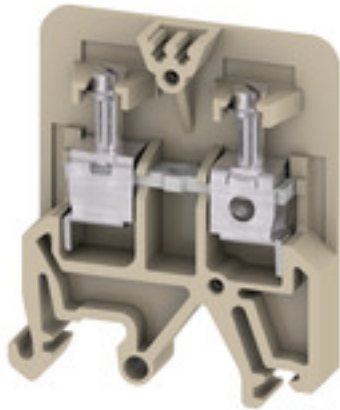
OSC 10 DEK**Weidmüller Interface GmbH & Co. KG**

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)	4008 190898960
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Depth	48.5 mm	Depth (inches)	1.909 inch
Height	48.5 mm	Height (inches)	1.909 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	12.96 g		

Temperatures

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

Material data

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
Rail	TS 35, TS 32		

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
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CSA rating data

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

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Connection cross-section, stranded, max.	16 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Number of connections	2	Type of connection	Screw connection
Type of connection 2	Screw connection	Wire connection cross section, finely stranded, max.	16 mm ²
Wire connection cross section, finely stranded, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	1.5 mm ²		

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Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions

TS 32 offset	20 mm	TS 35 offset	20 mm
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General

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

Rating data

Rated cross-section	10 mm ²	Rated voltage	600 V
Rated DC voltage	600 V	Rated current	57 A
Standards	IEC 60947-7-1		

UL rating data

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

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01
ECLASS 14.0	27-25-01-01		

Environmental Product Compliance

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

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	UKCA declaration of conformity
Catalogues	Catalogues in PDF-format