

KDKS1/EN LD 24VDC

Weidmüller Interface GmbH & Co. KG

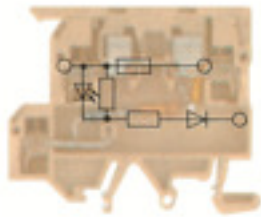
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

General ordering data

Version	SAK Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection, Direct mounting
Order No.	8146450000
Type	KDKS1/EN LD 24VDC
GTIN (EAN)	4008 19017 1902
Qty.	25 Stück

Erstellungs-Datum June 1, 2023 11:35:46 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

KDKS1/EN LD 24VDC

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technische Daten

Dimensions and weights

Depth	55.5 mm	Depth (inches)	2.185 inch
Height	62.75 mm	Height (inches)	2.47 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	17.96 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, Fuse cartridge, with LED, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35, TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Installation advice	Direct mounting	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.5 mm ²	Clamping screw	M 3
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	3	Stripping length	9 mm
Tightening torque, max.	0.8 Nm	Tightening torque, min.	0.5 Nm
Twin wire-end ferrules, max.	1.5 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Dimensions

TS 32 offset	31 mm	TS 35 offset	31 mm
--------------	-------	--------------	-------

Erstellungs-Datum June 1, 2023 11:35:47 AM CEST

KDKS1/EN LD 24VDC

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

www.weidmueller.com

Technische Daten

Display element

Current	2 mA	Operating voltage for display, max.	24 V
Operating voltage for display, min.	24 V	Type of voltage for indicator	DC

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Current	2 mA
Display	LED	Fuse holder (cartridge holder)	Pivoting
Operating voltage, max.	24 V	Type of voltage for indicator	DC

General

Installation advice	Direct mounting	Rail	TS 35, TS 32
Wire connection cross section AWG, max.	AWG 12		

Rating data

Rated cross-section	4 mm ²	Rated voltage	24 V
Rated current	6.3 A	Current at maximum wires	6.3 A
Volume resistance according to IEC 60947-7-x	1 mΩ	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ECLASS 9.0	27-14-11-16
ECLASS 9.1	27-14-11-16	ECLASS 10.0	27-14-11-16
ECLASS 11.0	27-14-11-16	ECLASS 12.0	27-14-11-16

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	c6099607-b1cd-4fc8-8f5b-8c2defa73093

Important note

Product information	The voltage depends on the selected fuse element or the selected indicator light
---------------------	--

Approvals

Approvals



ROHS	Conform
------	---------

KDKS1/EN LD 24VDC

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

www.weidmueller.com

Technische Daten

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, EPLAN
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format