

**SAK terminal feed-through terminal
SAK 10/35 KRG****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-2083

www.weidmueller.com



The Weidmüller SAK feed-through terminals satisfy the requirements of IEC 60947-1 and are available with rated cross-sections from 0.08 mm² to 240 mm².

General ordering data

Order No.	0443720000
Type	SAK 10/35 KRG
Version	SAK terminal feed-through terminal, Feed-through terminal, Rated cross-section: 10 mm ² , Screw connection, KrG, Medium yellow
GTIN (EAN)	4008190183899
Qty.	100 pc(s).

**SAK terminal feed-through terminal
SAK 10/35 KRG**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Technical data
Dimensions

Length	45 mm	Width	10 mm
Height	51.5 mm	Height of lowest version	51.5 mm

Temperatures

Operating temperature	Storage temperature
-----------------------	---------------------

Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA97ATEX1798U	ATEX certificate	IECEXKEM06.0014U
ATEX certificate	KEMA97ATEX1798U_e.pdf	Certificate No. (IECEX)	IECEXKEM06.0014U
IEC Ex certificate	IECEXKEM06.0014U_e.pdf	max. voltage	550 V
Current (ATEX)	50 A	Wire cross section max. (ATEX)	10 mm ²
max. voltage	550 V	Current (IECEX)	50 A
Wire cross section max. (IECEX)	10 mm ²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Marking ATEX Directive 94/9/EC	II 2 G D		Ex e II

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Double terminal		

CSA ratings data

Certificate No. (CSA)	154685-1501714	Voltage size C (CSA)	600 V
Current size C (CSA)	65 A	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	14 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. 1.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 10 mm ²
---	--

SAK terminal feed-through terminal SAK 10/35 KRG

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Technical data

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	12 mm
Blade size	1.0 x 5.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	1.5 mm ²
Clamping range, rated connection, max.	16 mm ²	Clamping screw	M 4
Tightening torque, min.	2 Nm	Tightening torque, max.	2.4 Nm
Torque level with DMS electric screwdriver	4	Gauge to IEC 60947-1	B6
Wire connection cross section, solid core, max. rated connection	1.5 mm ²	Wire connection cross section, solid core max. rated connection	10 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	16 mm ²
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, rated connection, min.	1.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	10 mm ²
Twin wire-end ferrules, min.	0.75 mm ²	Twin wire-end ferrules, max.	6 mm ²
Wire connection cross section AWG, min.	AWG 14		

Rated data

Rated cross-section	10 mm ²	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	57 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC14	Voltage size C (UR)	600 V
Current size C (UR)	60 A	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	14 AWG	Conductor size Field wiring max. (UR)	6 AWG

Material data

Material	KrG	Colour	Medium yellow
Flammability class UL 94	V-0		

System specifications

Product family	SAK terminal feed-through terminal	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 2.0	EC000897	ETIM 3.0	EC000897
ETIM 4.0	EC000897	UNSPSC	30-21-18-11
eClass 4.1	27-14-11-20	eClass 5.1	27-14-11-20
eClass 6.0	27-14-11-20	eClass 7.0	27-14-11-20

**SAK terminal feed-through terminal
SAK 10/35 KRG**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Technical data**Product information**

Descriptive text ordering data	A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.
Descriptive text technical data	When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

Approvals

Approvals

**Downloads**

STEP [0443720000_06061_SAK_10-35_KRG_STP.stp](#)