

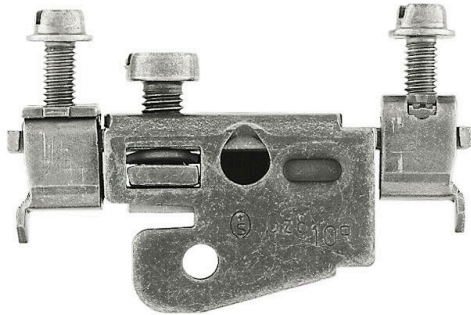
**EK 2****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

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	PE terminal, Screw connection, silver, 10 mm <sup>2</sup> , Number of connections: 2, Number of levels: 1, TS 32, None, PA 66
Order No.	<a href="#">032310000</a>
Type	EK 2
GTIN (EAN)	4008190013585
Qty.	20 items

## EK 2

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

www.weidmueller.com

## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Depth	38 mm	Depth (inches)	1.4961 inch
Height	52 mm	Height (inches)	2.0472 inch
Width	10.2 mm	Width (inches)	0.4016 inch
Net weight	32.9 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	PA 66	Colour	silver
UL 94 flammability rating	None		

### System specifications

Version	Screw connection, With PE connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Mounting rail	TS 32	N-function	No
PE function	Yes	PEN function	No

### Additional technical data

Open sides	closed	Number of similar terminals	1
Explosion-tested version	No	Type of mounting	when screwed in

### CSA rating data

Wire cross section max. (CSA)	8 AWG	Certificate No. (CSA)	12400-236
Wire cross section min. (CSA)	26 AWG		

### Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm <sup>2</sup>	Connection type, additional connection	Screw connection
---	--------------------	--	------------------

## EK 2

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technical data

### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B6	Wire connection cross section AWG, max.	AWG 8
Connection direction	on side	Tightening torque, max.	1.6 Nm
Tightening torque, min.	1.2 Nm	Stripping length	14 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	10 mm <sup>2</sup>	Clamping range, min.	1.5 mm <sup>2</sup>
Clamping screw	M 4	Blade size	1.0 x 5.5 mm
Wire connection cross section AWG, min.	AWG 16	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>
Connection cross-section, stranded, max.	10 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Torque level with DMS electric screwdriver	4	Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>	Connection cross-section, finely stranded, min.	1.5 mm <sup>2</sup>

### General

Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 16
Standards	IEC 60947-7-2	Mounting rail	TS 32

### Rating data

Rated cross-section	10 mm <sup>2</sup>	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Power loss in accordance with IEC 60947-7-x	1.82 W

### Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

## EK 2

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

www.weidmueller.com

## Accessories

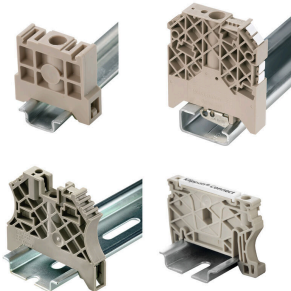
### Mounting rail support



#### General ordering data

Type	SH 2	Version	
Order No.	<a href="#">0494920000</a>	Busbar support, medium yellow, 130 °C, Width: 40 mm, V-0, KrG,	
GTIN (EAN)	4008190007584	when screwed in	
Qty.	10 ST		

### End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

#### General ordering data

Type	EW 35	Version	
Order No.	<a href="#">0383560000</a>	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C	
GTIN (EAN)	4008190181314		
Qty.	50 ST		
Type	EWK 1	Version	
Order No.	<a href="#">0206160000</a>	End bracket, beige, TS 32, V-0, Wemid, Width: 9 mm, 100 °C	
GTIN (EAN)	4008190080020		
Qty.	50 ST		