

I-Series
IEK 1.5N 3L**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

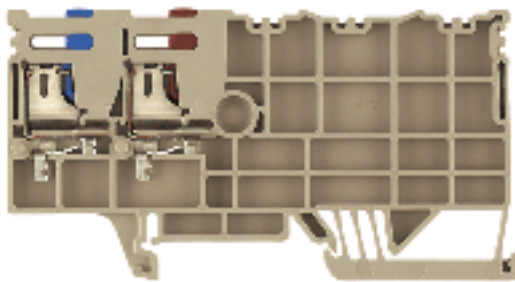
D-32758 Detmold

Germany

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The modular initiator/actuator system with integral cross-connection and advanced IDC technology.

Each single terminal has two (or three in the case of separate PE function) clamping points for the voltage supply. These are fed via a supply terminal and the internal cross-connections. Two further clamping points serve as a feed-through terminal for relaying the signal.

General ordering data

Order No.	1801790000
Type	IEK 1.5N 3L
Version	I-Series, Initiator/actuator terminal, Rated cross-section: 1.5 mm ² , Insulation displacement connection
GTIN (EAN)	4032248343737
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Length	93 mm	Width	5.1 mm
Height	50 mm	Height of lowest version	51 mm
Net weight	16.2 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on	Version	Supply terminal

Clampable wires (rated connection)

Type of connection	Insulation displacement connection	Blade size	0.6 x 3.5 mm
Connection direction	top	Clamping range, rated connection, min.	0.21 mm ²
Clamping range, rated connection, max.	1.5 mm ²	Wire connection cross section, solid core, max. rated connection	0.21 mm ²
Wire connection cross section, solid core max. rated connection	1.5 mm ²	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire connection cross-section, finely stranded, min.	0.21 mm ²	Finely stranded, min. (rated connection)	0.25 mm ²
Finely stranded, max. (rated connection)	0.34 mm ²	Wire connection cross section AWG, min.	AWG 24
Wire connection cross section AWG, max.	AWG 16		

Rated data

Rated cross-section	1.5 mm ²	Rated voltage	250 V
Rated impulse withstand voltage	4 kV	Rated current	17.5 A
Standards	IEC 60352-4, IEC 60947-7-1	Pollution severity	3

UL ratings data

Certificate No. (cURus)	E60693VOL1SEC61	Conductor size Factory wiring max. (cURus)	16 AWG
Conductor size Factory wiring min. (cURus)	24 AWG	Conductor size Field wiring max. (cURus)	16 AWG
Conductor size Field wiring min. (cURus)	24 AWG	Current size B (cURus)	10 A
Current size C (cURus)	10 A	Current size D (cURus)	10 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	300 V
Voltage size D (cURus)	300 V	Wire cross section max. (cURus)	12 AWG

Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

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Technical data

System specifications

Product family	I-Series	Type of connection	Insulation displacement connection
Connection direction	top	Number of levels	1
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 2.0	EC000900	ETIM 3.0	EC000900
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-28
eClass 5.1	27-14-11-28	eClass 6.2	27-14-11-28
eClass 7.1	27-14-11-28		

Product information

Descriptive text technical data	Conductor < 0.5 mm ² / AWG 24 with IRH 1.5
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Approvals

Approvals



ROHS	Conform
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Drawings

