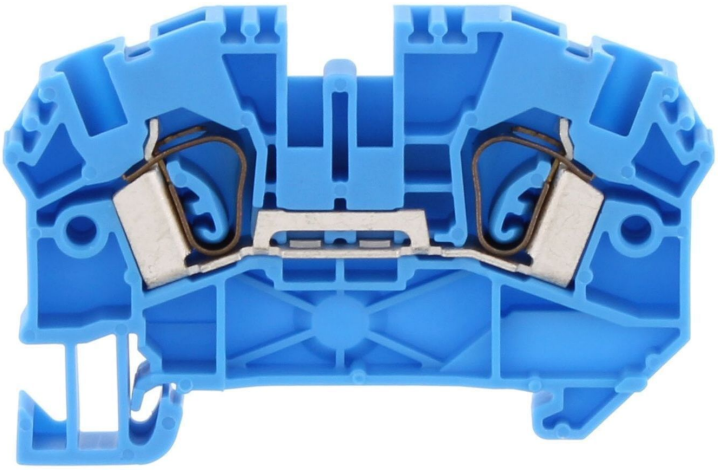
Data sheet

1716.5 ZRK 4/2A Ex BU



Ex feed-through terminal ATEX-certified, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6.1 mm, Colour: Blue

RAL: Ähnlich 5005

Business data

Article number	1716.5
Article name	ZRK 4/2A Ex BU
GTIN (EAN)	4044211110963
Explosion-proof version (EEx e)	yes
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	9.6 g
Weight per piece (including packaging)	10.2 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1716.2
Product description	Ex feed-through terminal ATEX-certified

Data sheet

1716.5 ZRK 4/2A Ex BU

Technical data

Dimensions	
Length	64 mm
Width	6.1 mm
Height TS 35/7.5	42 mm
Ratings	
Rated voltage	800 V
Rated current	32 A
Rated cross-section	4 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.02 W
Connection data	
Connection principle	Tension-spring connection
Connection position	Diagonal
Connections	2
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm²
Wire cross-section single core (rigid)/stranded, max.	6 mm²
Wire cross-section stranded, min.	0.5 mm²
Wire cross-section stranded, max.	6 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm²
Wire cross-section stranded with wire-end ferrules, max.	4 mm²
Wire cross-section AWG, min.	20
Wire cross-section AWG, max.	10
Stripping length	12 mm
Materials	
Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

Technical data

Further technical data

Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A4
Number of cross-connection channels	2
End plate required	✓
Number of test pick-off options	2

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

ATEX certification number	TÜV ATEX 7093 U
EAC approval	TR ZU 004/2011
EAC approval granted	yes

CSA approval

CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	600 V
CSA Usegroup C: rated current	35 A
CSA wire cross-section AWG, min.	20
CSA wire cross-section AWG, max.	10
CSA stripping length	10 mm

CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	35 A
CSAus wire cross-section AWG, min.	20
CSAus wire cross-section AWG, max.	10
CSAus stripping length	10 mm

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	32 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	6 mm²
KEMA wire cross-section single-core (rigid), max.	6 mm²
KEMA wire cross-section stranded, min.	6 mm²
KEMA wire cross-section stranded, max.	6 mm²

Approvals

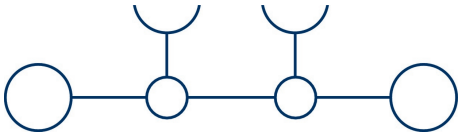
UL Recognized

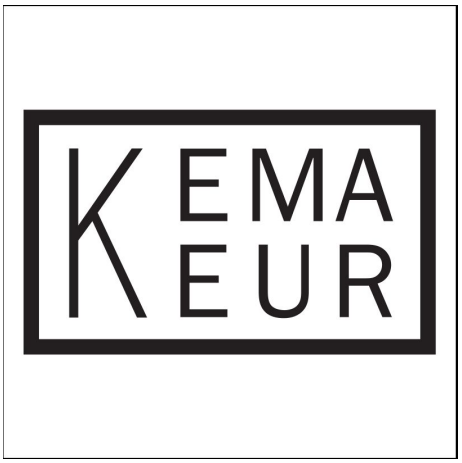
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	35 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	35 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	35 A
UL wire cross-section single-core (rigid) AWG, min.	20
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	20
UL wire cross-section stranded AWG, max.	10
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

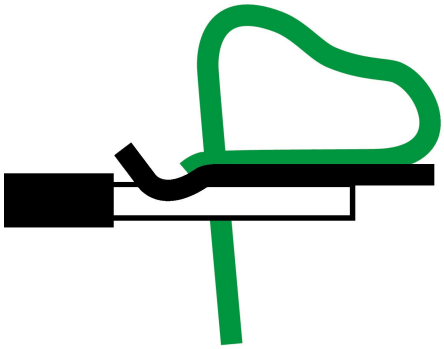
DNV GL Approval

DNV GL Location Classes	Temperature: B, Humidity: B, Vibration: A
DNV GL approval granted	1
DNV GL rated cross-section	4 mm²
DNV GL rated current	32 A
DNV GL rated voltage	800 V
DNV GL test standard	IEC 60947-7-1:2009
DNV GL wire cross-section single-core (rigid), max.	6 mm²
DNV GL wire cross-section stranded, max.	4 mm²

Media







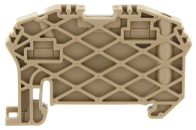
Accessories

End plate

End plate, Width: 2 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
3703.2	ZAP 4/2A BG	4044211060138	50

End stop



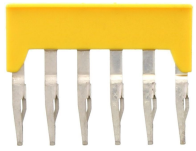
End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 6 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
3748.2	ZES 35 BG	4044211060572	50

Insulated cross-connector

Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 22.3 mm, Rated cross-section: 4 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3722.8	ZQI 4/4 YE	4044211060404	20



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 34.5 mm, Rated cross-section: 4 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3724.8	ZQI 4/6 YE	4044211060428	20

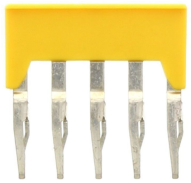
Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.1 mm, Rated cross-section: 4 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3720.8	ZQI 4/2 YE	4044211060381	50

Data sheet

1716.5 ZRK 4/2A Ex BU

Insulated cross-connector



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 28.4 mm,Rated cross-section: 4 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3723.8	ZQI 4/5 YE	4044211060411	20

Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 52.8 mm, Rated cross-section: 4 mm², Colour: Yellow

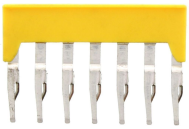
Article number	Article name	GTIN (EAN)	Packaging unit
3727.8	ZQI 4/9 YE	4044211060459	10

Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 16.2 mm, Rated cross-section: 4 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3721.8	ZQI 4/3 YE	4044211060398	50

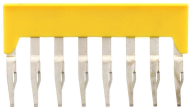
Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 58.9 mm, Rated cross-section: 4 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3728.8	ZQI 4/10 YE	4044211060466	10



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 40.6 mm, Rated cross-section: 4 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3725.8	ZQI 4/7 YE	4044211060435	20



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 46.7 mm, Rated cross-section: 4 mm², Colour: Yellow

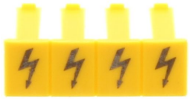
Article number	Article name	GTIN (EAN)	Packaging unit
3726.8	ZQI 4/8 YE	4044211060442	10

Quick marking

Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 ST

Four-way cover



Cover, Length: 8 mm, Width: 24.4 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3707.0	ZAD 4/4/B YE	4044211060251	20 ST

Reducing sleeves

Reducing sleeve, Width: 61 mm, Pitch size: 6.1 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
3753.7	ZRH 4/0,13-0,2 WH	4044211060626	1000 ST

Reducing sleeve, Width: 61 mm, Pitch size: 6.1 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
3755.4	ZRH 4/0,75-1,0 BK	4044211060640	1000 ST

Reducing sleeve, Width: 61 mm, Pitch size: 6.1 mm, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
3754.6	ZRH 4/0,25-0,5 GR	4044211060633	1000 ST