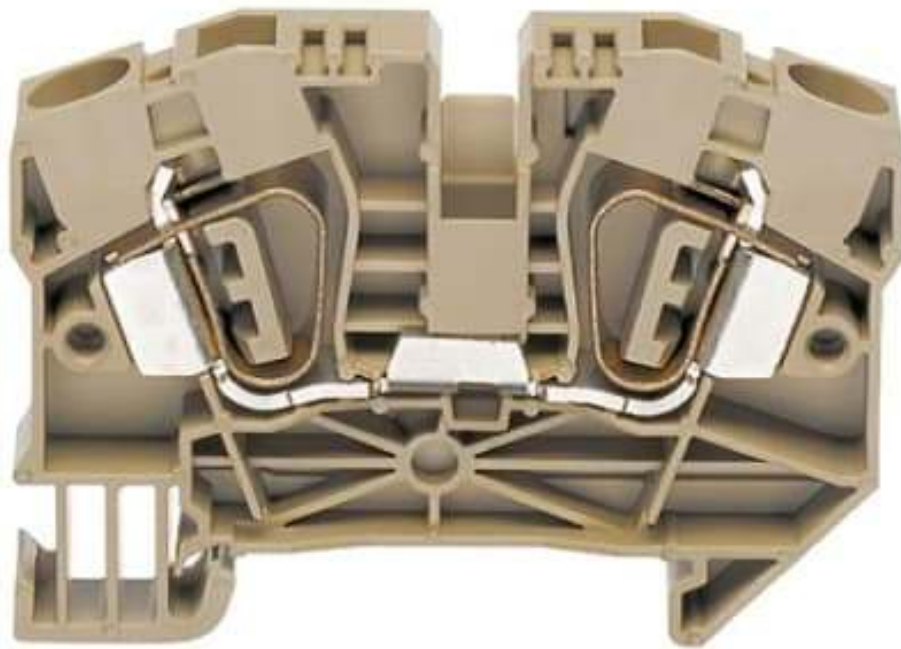




**Terminal Block DIN Rail 2 Position
Feed-Through 22-8AWG Spring Clamp Beige**

RS Pro Stock No.: 763-7501



RS Professionally Approved Products brings professional quality parts across all product categories. Our product range has been tested by engineers and provides comparable quality to the leading brands without paying a premium price.



Business Data

Article name	ZRK 6/2A BG
GTIN (EAN)	4044211151867
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	16.8 g
Weight per piece (including packaging)	17.8 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	3581.2
Product description	Feed-through terminal

Technical Data

DNV GL Approval

DNV GL Location Classes	Temperature: B, Humidity: B, Vibration: A
DNV GL approval granted	1
DNV GL rated cross-section	6 mm ²
DNV GL rated current	41 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.	10 mm ²
DNV GL wire cross-section stranded, max.	6 mm ²

Dimensions

Length	65 mm
Width	8.1 mm
Height TS 35/7.5	47.5 mm

Ratings

Rated voltage	1000 V
Rated current	41 A
Rated cross-section	6 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.31 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 mm ²
Wire cross-section single core (rigid)/stranded, max.	10 mm ²
Wire cross-section stranded, min.	0.5 mm ²
Wire cross-section stranded, max.	10 mm ²
Wire cross-section stranded with wire-end ferrules,min.	0.5 mm ²
Wire cross-section stranded with wire-end ferrules,max.	6 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	8
Stripping length	13 mm

Materials

Insulation housing	Polyamide 6.6, Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

Further technical data

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C
Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A5
Number of cross-connection channels	1
End plate required	
Number of test pick-off options	2
Maximum power dissipation for nominal condition	1.31 W

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-01-17
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and Regulations

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	50 A
CSA wire cross-section AWG, min.	22
CSA wire cross-section AWG, max.	8
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	50 A
CSAus wire cross-section AWG, min.	22
CSAus wire cross-section AWG, max.	8
CSAus stripping length	10 mm
cUL Recognized	
cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	50 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	50 A
cUL Usegroup D: rated voltage	600 V
cUL Usegroup D: rated current	50 A
cUL wire cross-section single-core (rigid) AWG, min.	22
cUL wire cross-section single-core (rigid) AWG, max.	8
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	8
cUL wire material	Cu
cUL Recognized	1

Approvals

German Lloyd Approval

GL approval	IEC 60947-7-1:2009
GL approval granted	yes
GL rated voltage	800 V
GL rated current	41 A
GL wire cross-section single core (rigid), min.	6 mm ²
GL wire cross-section single-core (rigid), max.	10 mm ²
GL wire cross-section, min.	6 mm ²
GL wire cross-section stranded, max.	10 mm ²
GL environmental category	C

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	1000 V
KEMA rated current	41 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	0.5 mm ²
KEMA wire cross-section single-core (rigid), max.	10 mm ²
KEMA wire cross-section stranded, min.	0.5 mm ²
KEMA wire cross-section stranded, max.	10 mm ²

Approvals

UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	50 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	50 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	50 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	8
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	8
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Accessories

End plate



End plate, Width: 2 mm, Color: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
3760.2	ZAP 6/2A BG	4044211060817	20

End stop



End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 6 mm, Color: 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: 2, Mounting type: Plug in, Width: 15.7 mm, Rated cross-section: 6 mm², Color: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3763.8	ZQI 6/2 YE	4044211060893	50



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 64.3 mm, Rated cross-section: 6 mm², Color: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3769.8	ZQI 6/8 YE	4044211060954	10 ST



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 72.4 mm, Rated cross-section: 6 mm², Color: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3770.8	ZQI 6/9 YE	4044211060961	10 ST

Insulated cross-connector



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 23.8 mm, Rated cross-section: 6 mm², Color: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3764.8	ZQI 6/3 YE	4044211060909	50



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 31.9 mm, Rated cross-section: 6 mm², Color: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3765.8	ZQI 6/4 YE	4044211060916	20 ST



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 56.2 mm, Rated cross-section: 6 mm², Color: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3768.8	ZQI 6/7 YE	4044211060947	20 ST



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 31.9 mm, Rated cross-section: 6 mm², Color: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3766.8	ZQI 6/5 YE	4044211060923	20 ST



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 48.1 mm, Rated cross-section: 6 mm², Color: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3767.8	ZQI 6/6 YE	4044211060930	20 ST



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 80.5 mm, Rated cross-section: 6 mm², Color: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3771.8	ZQI 6/10 YE	4044211060978	10 ST



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 8 mm, Color: White

Article number	Article name	GTIN (EAN)	Packaging unit
<u>9323.7</u>	PMC SB 8/40 WH	4044211129231	400 ST

Four-way cover

Cover, Length: 10.5 mm, Width: 32.4 mm, Color: Yellow



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3708.0</u>	ZAD 6/4/B YE	4044211060268	20 ST