

48 V CONNECTORS PORTFOLIO

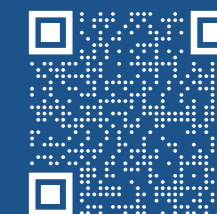
KOSTAL Connectors
IZB 2024

FOR ALL
POWERFUL
48V
APPLICATIONS



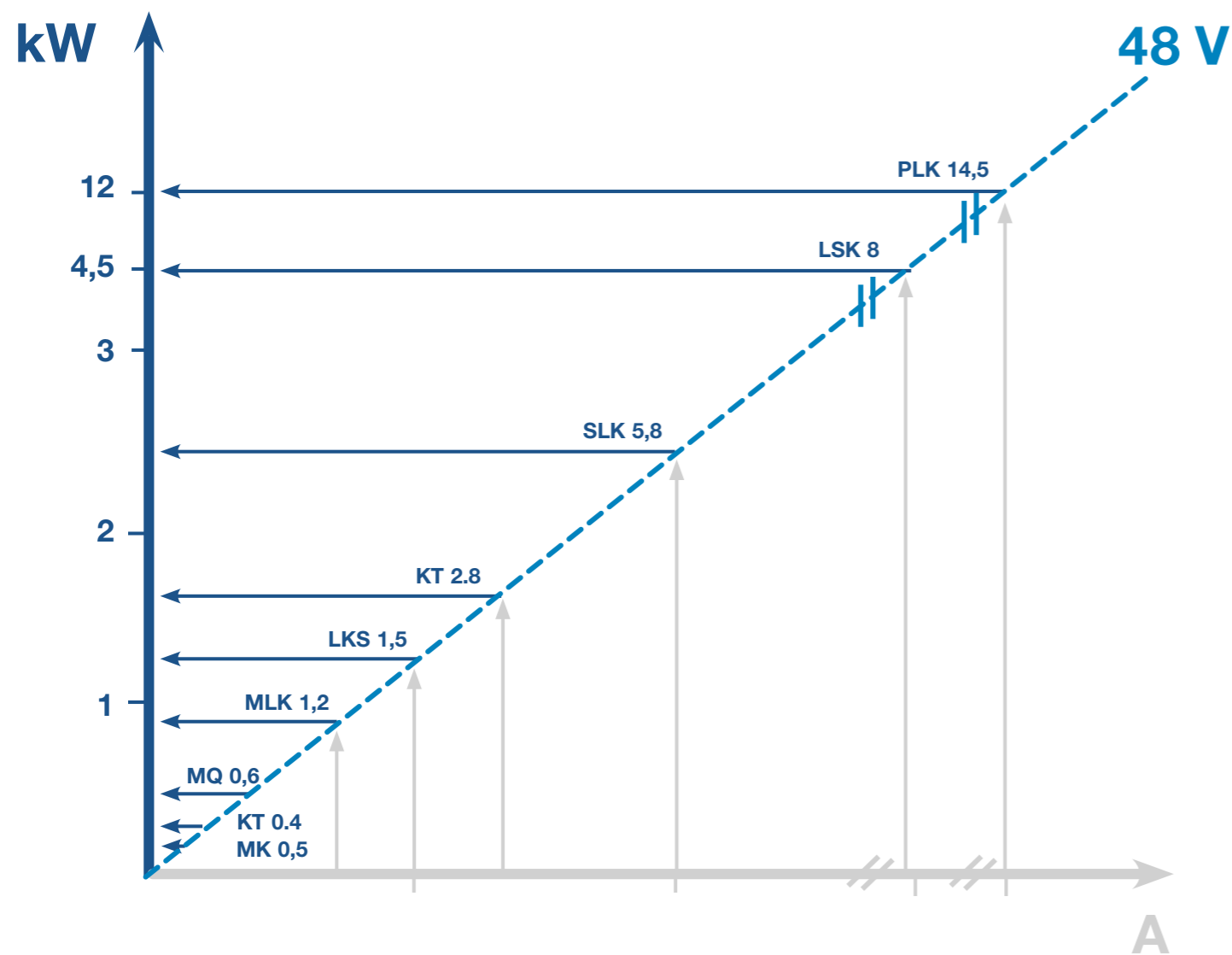


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KOSTAL CONNECTORS 48 V PORTFOLIO

48 V power conversion for each terminal size

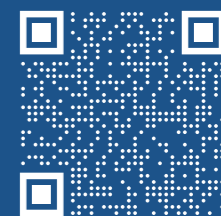


Terminal	Wire size (mm ²)	Current (A)*	kW* at 12 V	kW* at 48 V
PLK 14,5	50,0	250	3,0	12,0
LSK 8	16,0	105	1,26	5,04
SLK 5,8	6,0	53	0,636	2,544
KT 2,8	2,5	34	0,41	1,63
LKS 1,5	2,5	30	0,36	1,44
MLK 1,2	1,5	19	0,228	0,912
MQ 0,6	0,75	8	0,096	0,385
MK 0,5	0,35	3	0,036	0,144
KT 0,4	0,22	4	0,048	0,192

*permanent power at 80 °C



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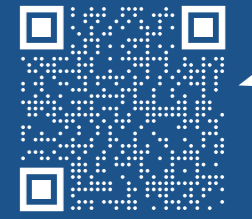
Detailed Product Information SLK 2,8



Name	6 x SLK 2,8 + 1 x SLK 5,8	SLK 2,8 8-way	SLK 2,8 8-way	SLK 2,8 10-way	SLK 2,8 10-way
Coding and article number	Cod. A on request Cod. C on request Cod. Z on request	Cod. A on request Cod. B on request Cod. Z on request	Cod. A on request Cod. B on request Cod. C on request Cod. D on request Cod. Z on request	Cod. A on request Cod. B on request Cod. C on request	Cod. A on request Cod. B on request
Number of pins	6+1	8	8	10	10
Tightness	sealed	unsealed	unsealed	unsealed	unsealed
Pollution degree	3	3	3	3	3
Altitude (m)	5500	5500	5500	5500	5500
Interface 48 V capability	yes for pollution degree 3 with CTI ≥ 400	yes for pollution degree 3 with CTI ≥ 400	yes for pollution degree 3 with CTI ≥ 400	yes	yes for pollution degree 3 with CTI ≥ 400



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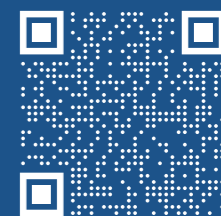
Detailed Product Information SLK 5,8



Name	SLK 5,8 1-way	SLK 5,8 1-way	SLK 5,8 1-way	SLK 5,8 2-way	SLK 5,8 3-way	2 x SLK 5,8 + 1x SLK 2,8	SLK 5,8 3-way	SLK 5,8 4-way
Coding and article number	Cod. A 09 4091 91 Cod. B 09 4091 92 Cod. Z on request	Cod. A on request Cod. B on request	Cod. A on request Cod. B on request Cod. Z on request	Cod. A 09 4092 91 Cod. B 09 4092 92 Cod. C 09 4092 93 Cod. Z on request	Cod. A on request	Cod. A on request	Cod. A on request Cod. B on request Cod. Z on request	Cod. A on request Cod. B on request
Number of pins	1	1	1	2	3	2+1	3	4
Tightness	sealed	sealed	unsealed	sealed	sealed	sealed	unsealed	unsealed
Pollution degree	3	3	3	3	3	3	3	3
Altitude (m)	5500	5500	5500	5500	5500	5500	5500	5500
Interface 48 V capability	yes	yes	yes	yes	yes	yes	yes for pollution degree 3 with CTI ≥ 400	yes for pollution degree 3 with CTI ≥ 400



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Detailed Product Information PLK 14,5



Name	PLK 14,5 1-way 180°	PLK 14,5 1-way 180° inline	PLK 14,5 2-way 90°	PLK 14,5 2-way 180°
Coding and article number	Cod. A 10540362	Cod. A 10532119	Cod. A 10508268	Cod. A 10508273
Number of pins	1	1	2	2
Tightness	sealed	sealed	sealed	sealed
Pollution degree	3	3	3	3
Altitude (m)	5500	5500	5500	5500
Interface 48 V capability	yes	yes	yes	yes

KOSTAL

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