



Form A - EN 175301-803 (DIN43650) / ISO 4400

<b>Product description</b>			
Standard	EN175301-803	EN175301-803	
Construction type	A	A	
Description	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	
Housing colour	black	black	
Number of contacts	2+PE	2+PE	
Order no.	<b>KA132000B9</b>	<b>KA132000B1</b>	
Other standard types	grey housing, order no. <b>KA132000A9</b>	grey housing, order no. <b>KA132000A1</b>	
Cable gland	PG9	PG11	
Conductor size	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	
Rated voltage	250 V AC/DC	250 V AC/DC	
Rated current IEC512-3 test 5b	10 A	10 A	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	
Overvoltage category	III	III	
Type of termination	screw M3	screw M3	
Contact screw torque	max. 0,5 N/m	max. 0,5 N/m	
Suitable cables	5 mm to 7 mm diameter	6 mm to 9 mm diameter	
Mounting	central screw M3x32,5	central screw M3x32,5	
<b>Material</b>			
Contact material	CuSn silver plated	CuSn silver plated	
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA6 GF	PA6 GF	
<b>Environmental conditions</b>			
Protection class (IEC60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity	3	3	
Temperature range	-40°C to + 100°C -40°C to + 125°C with silicon gasket	-40°C to + 100°C -40°C to + 125°C with silicon gasket	
<b>Inflammability class</b>			
Contact holder	HB - UL 94	HB - UL 94	
Housing	HB - UL 94	HB - UL 94	
<b>Packaging</b>			
Packaging unit / Weight approx.	500 pieces / 14,5Kg	500 pieces / 14,5Kg	
Box dimensions	80 x 30 x 22 cm	80 x 30 x 22 cm	
<b>Other accessory options</b>			
to be ordered separately see pages 179-180	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	



EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
P18 connector with screw terminals NBR profile gasket (PE) earth position H12	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	P18 connector with screw terminals NBR profile gasket (PE) earth position H12
black	black	black	black
2+PE	3+PE	3+PE	3+PE
<b>KA132000B6</b>	<b>KA042000B9</b>	<b>KA042000B1</b>	<b>KA042000B6</b>
grey housing, order no. <b>KA132000A6</b>	grey housing, order no. <b>KA042000A9</b>	grey housing, order no. <b>KA042000A1</b>	grey housing, order no. <b>KA042000A6</b>
M16x1,5	PG9	PG11	M16x1,5
max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal
6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm; 4,8 x 0,8mm	6,3 x 0,8mm; 4,8 x 0,8mm	6,3 x 0,8mm; 4,8 x 0,8mm
250 V AC/DC	250 V AC/DC	250 V AC/DC	250 V AC/DC
10 A	10 A	10 A	10 A
≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
III	III	III	III
screw M3	screw M3	screw M3	screw M3
max. 0,5 N/m	max. 0,5 N/m	max. 0,5 N/m	max. 0,5 N/m
5 mm to 7 mm diameter	5 mm to 7 mm diameter	6 mm to 9 mm diameter	5 mm to 7 mm diameter
central screw M3x32,5	central screw M3x32,5	central screw M3x32,5	central screw M3x32,5
CuSn silver plated	CuSn silver plated	CuSn silver plated	CuSn silver plated
PA6 GF	PA6 GF	PA6 GF	PA6 GF
PA6 GF	PA6 GF	PA6 GF	PA6 GF
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-40°C to + 100°C	-40°C to + 100°C	-40°C to + 100°C	-40°C to + 100°C
-40°C to + 125°C with silicon gasket	-40°C to + 125°C with silicon gasket	-40°C to + 125°C with silicon gasket	-40°C to + 125°C with silicon gasket
HB - UL 94	HB - UL 94	HB - UL 94	HB - UL 94
HB - UL 94	HB - UL 94	HB - UL 94	HB - UL 94
500 pieces / 14,5Kg	500 pieces / 14,5Kg	500 pieces / 14,5Kg	500 pieces / 14,5Kg
80 x 30 x 22 cm	80 x 30 x 22 cm	80 x 30 x 22 cm	80 x 30 x 22 cm
NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag
Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag
Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag

Form A - EN 175301-803 (DIN43650) / ISO 4400



Form A - EN 175301-803 (DIN43650) / ISO 4400

<b>Product description</b>			
Standard	EN175301-803	EN175301-803	
Construction type	A	A	
Description	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	
Housing colour	black	black	
Number of contacts	2+PE	2+PE	
Order no.	<b>KA132000B9UR</b>	<b>KA132000B1UR</b>	
Other standard types	grey housing, order no. <b>KA132000A9UR</b>	grey housing, order no. <b>KA132000A1UR</b>	
Cable gland	PG9	PG11	
Conductor size	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	
Rated voltage	250 V AC/DC	250 V AC/DC	
Rated current IEC512-3 test 5b	10 A	10 A	
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	
Overvoltage category	III	III	
Type of termination	screw M3	screw M3	
Contact screw torque	max. 0,5 N/m	max. 0,5 N/m	
Suitable cables	5 mm to 7 mm diameter	6 mm to 9 mm diameter	
Mounting	central screw M3x32,5	central screw M3x32,5	
<b>Material</b>			
Contact material	CuSn silver plated	CuSn silver plated	
Contact holder material	PA66 GF H2	PA66 GF H2	
Housing material	PA66 GF H2	PA66 GF H2	
<b>Environmental conditions</b>			
Protection class (IEC60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity	3	3	
Temperature range	-40°C to + 100°C -40°C to + 125°C with silicon gasket	-40°C to + 100°C -40°C to + 125°C with silicon gasket	
<b>Inflammability class</b>			
Contact holder	94-V0	94-V0	
Housing	94-V0	94-V0	
Approvals	UL/cUL	UL/cUL	
<b>Packaging</b>			
Packaging unit / Weight approx.	500 pieces / 14,5Kg	500 pieces / 14,5Kg	
Box dimensions	80 x 30 x 22 cm	80 x 30 x 22 cm	
<b>Other accessory options</b>			
to be ordered separately see pages 179-180	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	

# Valve Connectors KA0 - KA1 series



SELF - ASSEMBLY CABLE



EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
P18 connector with screw terminals NBR profile gasket (PE) earth position H12	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	P18 connector with screw terminals NBR profile gasket (PE) earth position H12	P18 connector with screw terminals NBR profile gasket (PE) earth position H12
black	black	black	black
3+PE	3+PE	2+PE	3+PE
<b>KA042000B9UR</b>	<b>KA042000B1UR</b>	<b>KA132000B3</b>	<b>KA042000B3</b>
grey housing, order no. <b>KA042000A9UR</b>	grey housing, order no. <b>KA042000A1UR</b>	grey housing, order no. <b>KA132000A3</b>	grey housing, order no. <b>KA042000A3</b>
PG9	PG11	1/2 NPTF	1/2 NPTF
max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal
6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
250 V AC/DC	250 V AC/DC	250 V AC/DC	250 V AC/DC
10 A	10 A	10 A	10 A
≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
III	III	III	III
screw M3	screw M3	screw M3	screw M3
max. 0,5 N/m	max. 0,5 N/m	max. 0,5 N/m	max. 0,5 N/m
5 mm to 7 mm diameter	6 mm to 9 mm diameter	not included	not included
central screw M3x32,5	central screw M3x32,5	central screw M3x32,5	central screw M3x32,5
CuSn silver plated	CuSn silver plated	CuSn silver plated	CuSn silver plated
PA66 GF H2	PA66 GF H2	PA6 GF	PA6 GF
PA66 GF H2	PA66 GF H2	PA6 GF	PA6 GF
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-40°C to + 100°C	-40°C to + 100°C	-40°C to + 100°C	-40°C to + 100°C
-40°C to + 125°C with silicon gasket	-40°C to + 125°C with silicon gasket	-40°C to + 125°C with silicon gasket	-40°C to + 125°C with silicon gasket
94-V0	94-V0	HB - UL 94	HB - UL 94
94-V0	94-V0	HB - UL 94	HB - UL 94
UL/cUL	UL/cUL		
500 pieces / 14,5Kg	500 pieces / 14,5Kg	500 pieces / 14Kg	500 pieces / 14Kg
80 x 30 x 22 cm	80 x 30 x 22 cm	80 x 30 x 22 cm	80 x 30 x 22 cm
NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag
Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag
Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag

Form A - EN 175301-803 (DIN43650) / ISO 4400



Form A - EN 175301-803 (DIN43650) / ISO 4400

<b>Product description</b>			
Standard	EN175301-803	EN175301-803	
Construction type	A	A	
Description	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 protective diode	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 protective diode	
Housing colour	black	black	
Number of contacts	2+PE	2+PE	
Order no.	<b>KA132D10B9</b>	<b>KA132D10B1</b>	
Other options on request	housing grey order no. <b>KA132D10A9</b>	housing grey order no. <b>KA132D10A1</b>	
Cable gland	PG9	PG11	
Conductor size	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	
Rated voltage	0 ... 230V DC	0 ... 230V DC	
Rated current	4 A	4 A	
Suppressor	Diode 1A 1000V	Diode 1A 1000V	
LED colour			
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	
Overvoltage category	III	III	
Type of termination	screw M3	screw M3	
Contact screw torque	max. 0,5 N/m	max. 0,5 N/m	
Suitable cables	5 mm to 7 mm diameter	6 mm to 9 mm diameter	
Mounting	central screw M3x32,5	central screw M3x32,5	
<b>Material</b>			
Contact material	CuSn silver plated	CuSn silver plated	
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA6 GF	PA6 GF	
<b>Environmental conditions</b>			
Protection class (IEC60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity	3	3	
Temperature range	-40°C to + 100°C	-40°C to + 100°C	
<b>Inflammability class</b>			
Contact holder	HB - UL 94	HB - UL 94	
Housing	HB - UL 94	HB - UL 94	
<b>Packaging</b>			
Packaging unit / Weight approx.	100 pieces / 2,5Kg	100 pieces / 2,5Kg	
Box dimensions	29 x 15 x 18 cm	29 x 15 x 18 cm	
<b>Other accessories options</b>			
to be ordered separately see pages 179-180	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	



EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
P18 connector with screw terminals NBR profile gasket (PE) earth position H12 TVS protective diode (transil)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 TVS protective diode (transil)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 RC protective circuit	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 RC protective circuit
black	black	black	black
2+PE	2+PE	2+PE	2+PE
<b>KA132T11B9</b>	<b>KA132T11B1</b>	<b>KA132C12B9</b>	<b>KA132C12B1</b>
housing grey order no. <b>KA132T11A9</b>	housing grey order no. <b>KA132T11A1</b>	housing grey order no. <b>KA132C12A9</b>	housing grey order no. <b>KA132C12A1</b>
PG9	PG11	PG9	PG11
max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal
6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
24V AC/DC	24V AC/DC	130 VAC - 250 VDC max	130 VAC - 250 VDC max
4 A	4 A	4 A	4 A
TVS Vbr max.=37,8V Peak=400W	TVS Vbr max.=37,8V Peak=400W	Filter RC C=0,33 µF R=100 Ω	Filter RC C=0,33 µF R=100 Ω
≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
III	III	III	III
screw M3	screw M3	screw M3	screw M3
max. 0,5 N/m	max. 0,5 N/m	max. 0,5 N/m	max. 0,5 N/m
5 mm to 7 mm diameter	6 mm to 9 mm diameter	5 mm to 7 mm diameter	6 mm to 9 mm diameter
central screw M3x32,5	central screw M3x32,5	central screw M3x32,5	central screw M3x32,5
CuSn silver plated	CuSn silver plated	CuSn silver plated	CuSn silver plated
PA6 GF	PA6 GF	PA6 GF	PA6 GF
PA6 GF	PA6 GF	PA6 GF	PA6 GF
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-40°C to + 100°C	-40°C to + 100°C	-40°C to + 80°C	-40°C to + 80°C
HB - UL 94	HB - UL 94	HB - UL 94	HB - UL 94
HB - UL 94	HB - UL 94	HB - UL 94	HB - UL 94
100 pieces / 2,5Kg	100 pieces / 2,5Kg	100 pieces / 2,5Kg	100 pieces / 2,5Kg
29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm
NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag
Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag
Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag

Form A - EN 175301-803 (DIN43650) / ISO 4400



Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description		EN175301-803	EN175301-803
Standard		EN175301-803	EN175301-803
Construction type		A	A
Description		P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)
Housing colour		black	black
Number of contacts		2+PE	2+PE
Order no.		<b>KA132R11B9</b>	<b>KA132R12B9</b>
Other options on request		housing grey order no. <b>KA132R11A9</b>	housing grey order no. <b>KA132R12A9</b>
Cable gland		PG9	PG9
Conductor size		max. 1mm <sup>2</sup> without splice/terminal	max. 1mm <sup>2</sup> without splice/terminal
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension		6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
Rated voltage		Input 24 V AC/DC Output 20 V DC	Input 115 V AC/DC Output 103 V DC
Rated current		1 A	1 A
Suppressor		VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule
LED colour			
Contact resistance		≤ 5 mΩ	≤ 5 mΩ
Overvoltage category		III	III
Type of termination		screw M3	screw M3
Contact screw torque		max. 0,5 N/m	max. 0,5 N/m
Suitable cables		5 mm to 7 mm diameter	5 mm to 7 mm diameter
Mounting		central screw M3x32,5	central screw M3x32,5
<b>Material</b>			
Contact material		CuSn silver plated	CuSn silver plated
Contact holder material		PA6 GF	PA6 GF
Housing material		PA6 GF	PA6 GF
<b>Environmental conditions</b>			
Protection class (IEC60529)		IP 65 when correctly assembled	IP 65 when correctly assembled
Pollution severity		3	3
Temperature range		-40°C to + 80°C	-40°C to + 80°C
<b>Inflammability class</b>			
Contact holder		HB - UL 94	HB - UL 94
Housing		HB - UL 94	HB - UL 94
<b>Packaging</b>			
Packaging unit / Weight approx.		100 pieces / 2,7Kg	100 pieces / 2,7Kg
Box dimensions		29 x 15 x 18 cm	29 x 15 x 18 cm
<b>Other accessories options</b>			
to be ordered separately see pages 179-180		NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag



EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)
black	black	black	black
2+PE	2+PE	2+PE	2+PE
<b>KA132R13B9</b>	<b>KA132R11B1</b>	<b>KA132R12B1</b>	<b>KA132R13B1</b>
housing grey order no. <b>KA132R13A9</b>	housing grey order no. <b>KA132R11A1</b>	housing grey order no. <b>KA132R12A1</b>	housing grey order no. <b>KA132R13A1</b>
PG9	PG11	PG11	PG11
max. 1mm <sup>2</sup> without splice/terminal	max. 1mm <sup>2</sup> without splice/terminal	max. 1mm <sup>2</sup> without splice/terminal	max. 1mm <sup>2</sup> without splice/terminal
6,3 x 0,8mm ; 4,8 x 0,8mm Input 230 V AC/DC Output 207 V DC 1 A VDR 275 Vrms 8,6 Joule	6,3 x 0,8mm ; 4,8 x 0,8mm Input 24 V AC/DC Output 20 V DC 1 A VDR 30 Vrms 0,9 Joule	6,3 x 0,8mm ; 4,8 x 0,8mm Input 115 V AC/DC Output 103 V DC 1 A VDR 130 Vrms 4,5 Joule	6,3 x 0,8mm ; 4,8 x 0,8mm Input 230 V AC/DC Output 207 V DC 1 A VDR 275 Vrms 8,6 Joule
≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
III	III	III	III
screw M3 max. 0,5 N/m 5 mm to 7 mm diameter central screw M3x32,5	screw M3 max. 0,5 N/m 6 mm to 9 mm diameter central screw M3x32,5	screw M3 max. 0,5 N/m 6 mm to 9 mm diameter central screw M3x32,5	screw M3 max. 0,5 N/m 6 mm to 9 mm diameter central screw M3x32,5
CuSn silver plated PA6 GF PA6 GF	CuSn silver plated PA6 GF PA6 GF	CuSn silver plated PA6 GF PA6 GF	CuSn silver plated PA6 GF PA6 GF
IP 65 when correctly assembled 3 -40°C to + 80°C	IP 65 when correctly assembled 3 -40°C to + 80°C	IP 65 when correctly assembled 3 -40°C to + 80°C	IP 65 when correctly assembled 3 -40°C to + 80°C
HB - UL 94 HB - UL 94	HB - UL 94 HB - UL 94	HB - UL 94 HB - UL 94	HB - UL 94 HB - UL 94
100 pieces / 2,7Kg 29 x 15 x 18 cm	100 pieces / 2,7Kg 29 x 15 x 18 cm	100 pieces / 2,7Kg 29 x 15 x 18 cm	100 pieces / 2,7Kg 29 x 15 x 18 cm
NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag

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<b>Product description</b>			
Standard	EN175301-803	EN175301-803	
Construction type	A	A	
Description	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)	
Housing colour	black	black	
Number of contacts	2+PE	2+PE	
Order no.	<b>KA132R21B9</b>	<b>KA132R22B9</b>	
Other options on request	housing grey order no. <b>KA132R21A9</b>	housing grey order no. <b>KA132R22A9</b>	
Cable gland	PG9	PG9	
Conductor size	max. 1mm <sup>2</sup> without splice/terminal	max. 1mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	
Rated voltage	Input 24 V AC/DC Output 20 V DC	Input 115 V AC/DC Output 103 V DC	
Rated current	4 A	4 A	
Suppressor	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	
LED colour			
Contact resistance	≤ 5 mΩ	≤ 5 mΩ	
Overvoltage category	III	III	
Type of termination	screw M3	screw M3	
Contact screw torque	max. 0,5 N/m	max. 0,5 N/m	
Suitable cables	5 mm to 7 mm diameter	5 mm to 7 mm diameter	
Mounting	central screw M3x32,5	central screw M3x32,5	
<b>Material</b>			
Contact material	CuSn silver plated	CuSn silver plated	
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA6 GF	PA6 GF	
<b>Environmental conditions</b>			
Protection class (IEC60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity	3	3	
Temperature range	-40°C to + 80°C	-40°C to + 80°C	
<b>Inflammability class</b>			
Contact holder	HB - UL 94	HB - UL 94	
Housing	HB - UL 94	HB - UL 94	
<b>Packaging</b>			
Packaging unit / Weight approx.	100 pieces / 2,7Kg	100 pieces / 2,7Kg	
Box dimensions	29 x 15 x 18 cm	29 x 15 x 18 cm	
<b>Other accessories options</b>			
to be ordered separately see pages 179-180	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Silicon profile gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	



EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier and VDR suppressor (varistor)
black	black	black	black
2+PE	2+PE	2+PE	2+PE
<b>KA132R23B9</b>	<b>KA132R21B1</b>	<b>KA132R22B1</b>	<b>KA132R23B1</b>
housing grey order no. <b>KA132R23A9</b>	housing grey order no. <b>KA132R21A1</b>	housing grey order no. <b>KA132R22A1</b>	housing grey order no. <b>KA132R23A1</b>
PG9	PG11	PG11	PG11
max. 1mm <sup>2</sup> without splice/terminal	max. 1mm <sup>2</sup> without splice/terminal	max. 1mm <sup>2</sup> without splice/terminal	max. 1mm <sup>2</sup> without splice/terminal
6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm
Input 230 V AC/DC Output 207 V DC	Input 24 V AC/DC Output 20 V DC	Input 115 V AC/DC Output 103 V DC	Input 230 V AC/DC Output 207 V DC
4 A	4 A	4 A	4 A
VDR 275 Vrms 8,6 Joule	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	VDR 275 Vrms 8,6 Joule
≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ
III	III	III	III
screw M3	screw M3	screw M3	screw M3
max. 0,5 N/m	max. 0,5 N/m	max. 0,5 N/m	max. 0,5 N/m
5 mm to 7 mm diameter	6 mm to 9 mm diameter	6 mm to 9 mm diameter	6 mm to 9 mm diameter
central screw M3x32,5	central screw M3x32,5	central screw M3x32,5	central screw M3x32,5
CuSn silver plated	CuSn silver plated	CuSn silver plated	CuSn silver plated
PA6 GF	PA6 GF	PA6 GF	PA6 GF
PA6 GF	PA6 GF	PA6 GF	PA6 GF
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C	-40°C to + 80°C
HB - UL 94	HB - UL 94	HB - UL 94	HB - UL 94
HB - UL 94	HB - UL 94	HB - UL 94	HB - UL 94
100 pieces / 2,7Kg	100 pieces / 2,7Kg	100 pieces / 2,7Kg	100 pieces / 2,7Kg
29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm
NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag	NBR flat gasket 100 pcs in bag
Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag	Silicon profile gasket 100 pcs in bag
Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag

Form A - EN 175301-803 (DIN43650) / ISO 4400