

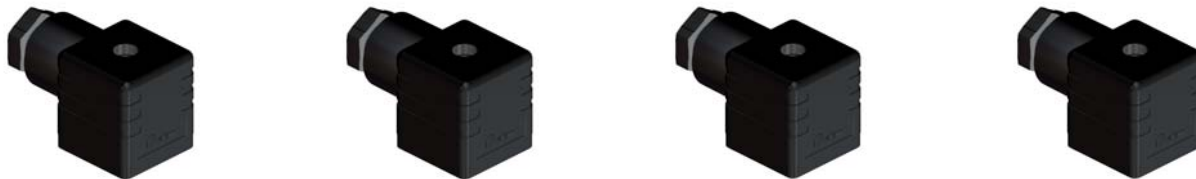


Form A - EN 175301-803 (DIN43650) / ISO 4400

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	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 options on request	grey housing	order no. <b>KA132000A9</b>	order no. <b>KA132000A1</b>
Cable gland		PG9	PG11
Max. conductor size		1,5mm <sup>2</sup> without splice/terminal	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 max.		250 V AC/DC	250 V AC/DC
Rated current max. (EN 60512-5-2 test 5b)		10 A	10 A
Contact resistance		15mΩ max.	15mΩ max.
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 holder material		PA6 GF	PA6 GF
Housing material		PA6 GF	PA6 GF
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 65 when correctly assembled	IP 65 when correctly assembled
Pollution severity (EN 60664-1)		3	3
Temperature range		-40°C to + 100°C	-40°C to + 100°C
	with silicon gasket	-40°C to + 125°C	-40°C to + 125°C
<b>Inflammability class</b>			
Contact holder		HB - UL 94	HB - UL 94
Housing		HB - UL 94	HB - UL 94
Approvals		VDE	VDE
<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 171-175		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 KAO - 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
2+PE	3+PE	3+PE	3+PE
<b>KA132000B6</b>	<b>KA042000B9</b>	<b>KA042000B1</b>	<b>KA042000B6</b>
order no. <b>KA132000A6</b>	order no. <b>KA042000A9</b>	order no. <b>KA042000A1</b>	order no. <b>KA042000A6</b>
M16x1,5	PG9	PG11	M16x1,5
1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	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
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
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 central screw M3x32,5	5 mm to 7 mm diameter central screw M3x32,5	6 mm to 9 mm diameter central screw M3x32,5	5 mm to 7 mm diameter central screw M3x32,5
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	-40°C to + 125°C	-40°C to + 125°C	-40°C to + 125°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
VDE	VDE	VDE	VDE
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

Product description		EN175301-803	EN175301-803
Standard		A	A
Construction type		P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED)
Housing colour		transparent	transparent
Number of contacts		2+PE	2+PE
Order no.		<b>KA132L34T9</b>	<b>KA132L35T9</b>
Other options on request	led colour red led colour green	order no. <b>KA132L37T9</b> order no. <b>KA132L3AT9</b>	order no. <b>KA132L38T9</b> order no. <b>KA132L3BT9</b>
Cable gland		PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)
Max. conductor size		1,5mm <sup>2</sup> without splice/terminal	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
Voltage		24 V AC/DC	115 V AC/DC
Rated current max.		8 A	8 A
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
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 holder material		PA6 GF	PA6 GF
Housing material		PA12	PA12
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 65 when correctly assembled	IP 65 when correctly assembled
Pollution severity (EN 60664-1)		3	3
Temperature range		-20°C to + 80°C	-20°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 / 2,5Kg	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 171-175		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 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 function indicator (LED)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED)
transparent	transparent	transparent	transparent
2+PE	2+PE	2+PE	2+PE
<b>KA132L36T9</b>	<b>KA132L34T1</b>	<b>KA132L35T1</b>	<b>KA132L36T1</b>
order no. <b>KA132L39T9</b>	order no. <b>KA132L37T1</b>	order no. <b>KA132L38T1</b>	order no. <b>KA132L39T1</b>
order no. <b>KA132L3CT9</b>	order no. <b>KA132L3AT1</b>	order no. <b>KA132L3BT1</b>	order no. <b>KA132L3CT1</b>
PG9 (M16x1,5 on request)	PG11	PG11	PG11
1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal
6,3 x 0,8mm ; 4,8 x 0,8mm 230 V AC/DC	6,3 x 0,8mm ; 4,8 x 0,8mm 24 V AC/DC	6,3 x 0,8mm ; 4,8 x 0,8mm 115 V AC/DC	6,3 x 0,8mm ; 4,8 x 0,8mm 230 V AC/DC
8 A	8 A	8 A	8 A
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
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
PA6 GF	PA6 GF	PA6 GF	PA6 GF
PA12	PA12	PA12	PA12
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-20°C to + 80°C	-20°C to + 80°C	-20°C to + 80°C	-20°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 29 x 15 x 18 cm	100 pieces / 2,5Kg 29 x 15 x 18 cm	100 pieces / 2,5Kg 29 x 15 x 18 cm	100 pieces / 2,5Kg 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

<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, LED indicator and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier, LED indicator and VDR suppressor (varistor)	
Housing colour	transparent	transparent	
Number of contacts	2+PE	2+PE	
Order no.	<b>KA132R54T9</b>	<b>KA132R55T9</b>	
Other options on request	led colour red led colour green	order no. <b>KA132R57T9</b> order no. <b>KA132R5AT9</b>	order no. <b>KA132R58T9</b> order no. <b>KA132R5BT9</b>
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	1mm <sup>2</sup> without splice/terminal	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	
Voltage	Input 24 VAC ; Output 20 VDC	Input 115 VAC ; Output 103 VDC	
Rated current max.	1 A	1 A	
Suppressor	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	
LED colour	yellow	yellow	
Contact resistance	15mΩ max.	15mΩ max.	
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 holder material	PA6 GF	PA6 GF	
Housing material	PA12	PA12	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	3	3	
Temperature range	-20°C to + 80°C	-20°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 171-175	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 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 full bridge rectifier, LED indicator and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier, LED indicator and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier, LED indicator and VDR suppressor (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 full bridge rectifier, LED indicator and VDR suppressor (varistor)
transparent	transparent	transparent	transparent
2+PE	2+PE	2+PE	2+PE
<b>KA132R56T9</b>	<b>KA132R54T1</b>	<b>KA132R55T1</b>	<b>KA132R56T1</b>
order no. <b>KA132R59T9</b>	order no. <b>KA132R57T1</b>	order no. <b>KA132R58T1</b>	order no. <b>KA132R59T1</b>
order no. <b>KA132R5CT9</b>	order no. <b>KA132R5AT1</b>	order no. <b>KA132R5BT1</b>	order no. <b>KA132R5CT1</b>
PG9 (M16x1,5 on request)	PG11	PG11	PG11
1mm <sup>2</sup> without splice/terminal	1mm <sup>2</sup> without splice/terminal	1mm <sup>2</sup> without splice/terminal	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 VAC ; Output 207 VDC	Input 24 VAC ; Output 20 VDC	Input 115 VAC ; Output 103 VDC	Input 230 VAC ; Output 207 VDC
1 A	1 A	1 A	1 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
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
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
PA6 GF	PA6 GF	PA6 GF	PA6 GF
PA12	PA12	PA12	PA12
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-20°C to + 80°C	-20°C to + 80°C	-20°C to + 80°C	-20°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



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 function indicator (LED) and protective circuit (diode)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and protective circuit (diode)
Housing colour		transparent	transparent
Number of contacts		2+PE	2+PE
Order no.		<b>KA132D54T9</b>	<b>KA132D54T1</b>
Other options on request	led colour red led colour green	order no. <b>KA132D57T9</b> order no. <b>KA132D5AT9</b>	order no. <b>KA132D57T1</b> order no. <b>KA132D5AT1</b>
Cable gland		PG9 (M16x1,5 on request)	PG11
Max. conductor size		1,5mm <sup>2</sup> without splice/terminal	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
Voltage		24 V DC	24 V DC
Rated current max.		4 A	4 A
Suppressor		Diode 1A 1000V	Diode 1A 1000V
LED colour		yellow	yellow
Contact resistance		15mΩ max.	15mΩ max.
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 holder material		PA6 GF	PA6 GF
Housing material		PA12	PA12
<b>Environmental conditions</b>			
Protection class (EN 60529)		IP 65 when correctly assembled	IP 65 when correctly assembled
Pollution severity (EN 60664-1)		3	3
Temperature range		-20°C to + 80°C	-20°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 / 2,5Kg	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 171-175		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 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 function indicator (LED) and TVS protective circuit (transil)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and TVS protective circuit (transil)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and RC protective circuit	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and RC protective circuit
transparent	transparent	transparent	transparent
2+PE	2+PE	2+PE	2+PE
<b>KA132T54T9</b>	<b>KA132T54T1</b>	<b>KA132C54T9</b>	<b>KA132C54T1</b>
order no. <b>KA132T57T9</b>	order no. <b>KA132T57T1</b>		
order no. <b>KA132T5AT9</b>	order no. <b>KA132T5AT1</b>		
PG9 (M16x1,5 on request)	PG11	PG9 (M16x1,5 on request)	PG11
1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	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
24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC
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=0,1 µF R=100 Ω	Filter RC C=0,1 µF R=100 Ω
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
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
PA6 GF	PA6 GF	PA6 GF	PA6 GF
PA12	PA12	PA12	PA12
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-20°C to + 80°C	-20°C to + 80°C	-20°C to + 80°C	-20°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			
Standard	EN175301-803	EN175301-803	
Construction type	A	A	
Description	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and VDR protective circuit (varistor)	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and VDR protective circuit (varistor)	
Housing colour	transparent	transparent	
Number of contacts	2+PE	2+PE	
Order no.	<b>KA132V54T9</b>	<b>KA132V55T9</b>	
Other options on request	led colour red led colour green	order no. <b>KA132V57T9</b> order no. <b>KA132V5AT9</b>	order no. <b>KA132V58T9</b> order no. <b>KA132V5BT9</b>
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	max. 1,5mm <sup>2</sup> without splice/terminal	max. 1,5mm <sup>2</sup> without splice/terminal	
Drawing			
Technical data			
Pin dimension	6,3 x 0,8mm ; 4,8 x 0,8mm	6,3 x 0,8mm ; 4,8 x 0,8mm	
Voltage	24 V AC/DC	115 V AC/DC	
Rated current max.	5 A	5 A	
Suppressor	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	
LED colour	yellow	yellow	
Contact resistance	15mΩ max.	15mΩ max.	
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	
Material			
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA12	PA12	
Environmental conditions			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	3	3	
Temperature range	-20°C to + 80°C	-20°C to + 80°C	
Inflammability class			
Contact holder	HB - UL 94	HB - UL 94	
Housing	HB - UL 94	HB - UL 94	
Packaging			
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	
Other accessories options			
to be ordered separately see pages 171-175	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 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 function indicator (LED) and VDR protective circuit (varistor) transparent	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and VDR protective circuit (varistor) transparent	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and VDR protective circuit (varistor) transparent	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and VDR protective circuit (varistor) transparent
2+PE <b>KA132V56T9</b>	2+PE <b>KA132V54T1</b>	2+PE <b>KA132V55T1</b>	2+PE <b>KA132V56T1</b>
order no. <b>KA132V59T9</b>	order no. <b>KA132V57T1</b>	order no. <b>KA132V58T1</b>	order no. <b>KA132V59T1</b>
order no. <b>KA132V5CT9</b>	order no. <b>KA132V5AT1</b>	order no. <b>KA132V5BT1</b>	order no. <b>KA132V5CT1</b>
PG9 (M16x1,5 on request)	PG11	PG11	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
230 V AC/DC	24 V AC/DC	115 V AC/DC	230 V AC/DC
5 A	5 A	5 A	5 A
VDR 275 Vrms 8,6 Joule yellow 15mΩ max.	VDR 30 Vrms 0,9 Joule yellow 15mΩ max.	VDR 130 Vrms 4,5 Joule yellow 15mΩ max.	VDR 275 Vrms 8,6 Joule yellow 15mΩ max.
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
PA6 GF PA12	PA6 GF PA12	PA6 GF PA12	PA6 GF PA12
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-20°C to + 80°C	-20°C to + 80°C	-20°C to + 80°C	-20°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 29 x 15 x 18 cm	100 pieces / 2,5Kg 29 x 15 x 18 cm	100 pieces / 2,5Kg 29 x 15 x 18 cm	100 pieces / 2,5Kg 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

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



<b>Product description</b>			
Standard	Industrial standard (11 mm)	Industrial standard (11 mm)	
Construction type	B	B	
Description	P11 connector with screw terminals NBR profile gasket (PE) earth position H12	P11 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>KB132000B9</b>	<b>KB132000B7</b>	
Other options on request	grey housing, order no. <b>KB132000A9</b>		
Cable gland	PG9 (M16x1,5 on request)	PG7	
Max. conductor size	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	6,3 x 0,8mm	6,3 x 0,8mm	
Voltage	250 V AC/DC max.	250 V AC/DC max.	
Rated current max.	10 A (EN 60512-5-2 test 5b)	10 A (EN 60512-5-2 test 5b)	
Suppressor			
Contact resistance	15mΩ max.	15mΩ max.	
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	4 mm to 6 mm diameter	
Mounting	central screw M3x32,5	central screw M3x32,5	
<b>Material</b>			
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA6 GF	PA6 GF	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	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	
Approvals	VDE		
<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 171-175	NBR flat gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	



<b>Product description</b>			
Standard	Industrial standard (11 mm)	Industrial standard (11 mm)	
Construction type	B	B	
Description	P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and protective circuit (diode)	P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and TVS protective circuit (transil)	
Housing colour	transparent	transparent	
Number of contacts	2+PE	2+PE	
Order no.	<b>KB132D54T9</b>	<b>KB132T54T9</b>	
Other options on request	led colour red led colour green	order no. <b>KB132D57T9</b> order no. <b>KB132D5AT9</b>	order no. <b>KB132T57T9</b> order no. <b>KB132T5AT9</b>
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	6,3 x 0,8mm	6,3 x 0,8mm	
Voltage	24 V DC	24 V AC/DC	
Rated current max.	4 A	4 A	
Suppressor	diode 1A 1000V	TVS Vbr max.=37,8V Peak=400W	
LED colour	yellow	yellow	
Contact resistance	15mΩ max.	15mΩ max.	
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 holder material	PA6 GF	PA6 GF	
Housing material	PA12	PA12	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	3	3	
Temperature range	-20°C to + 80°C	-20°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 / 2,5Kg	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 171-175	NBR flat gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	

## Valve Connectors **KB1** series

SELF - ASSEMBLY CABLE



	Industrial standard (11 mm)	Industrial standard (11 mm)	Industrial standard (11 mm)	
	B	B	B	
	P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED)	P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED)	P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED)	
	transparent	transparent	transparent	
	2+PE	2+PE	2+PE	
	<b>KB132L34T9</b>	<b>KB132L35T9</b>	<b>KB132L36T9</b>	
	order no. <b>KB132L37T9</b>	order no. <b>KB132L38T9</b>	order no. <b>KB132L39T9</b>	
	order no. <b>KB132L3AT9</b>	order no. <b>KB132L3BT9</b>	order no. <b>KB132L3CT9</b>	
	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	
	6,3 x 0,8mm	6,3 x 0,8mm	6,3 x 0,8mm	
	24 V AC/DC	115 V AC/DC	230 V AC/DC	
	8 A	8 A	8 A	
	yellow	yellow	yellow	
	15mΩ max.	15mΩ max.	15mΩ max.	
	III	III	III	
	screw M3	screw M3	screw M3	
	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	5 mm to 7 mm diameter	
	central screw M3x32,5	central screw M3x32,5	central screw M3x32,5	
	PA6 GF	PA6 GF	PA6 GF	
	PA12	PA12	PA12	
	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	
	3	3	3	
	-20°C to + 80°C	-20°C to + 80°C	-20°C to + 80°C	
	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	
	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	
	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	Stainless steel screw 100 pcs in bag	

Form B - INDUSTRIAL



<b>Product description</b>			
Standard	Industrial standard (11 mm)	Industrial standard (11 mm)	
Construction type	B	B	
Description	P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and protective circuit (diode)	P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and TVS protective circuit (transil)	
Housing colour	transparent	transparent	
Number of contacts	2+PE	2+PE	
Order no.	<b>KB132D54T9</b>	<b>KB132T54T9</b>	
Other options on request	led colour red led colour green	order no. <b>KB132D57T9</b> order no. <b>KB132D5AT9</b>	order no. <b>KB132T57T9</b> order no. <b>KB132T5AT9</b>
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>		 	 
<b>Technical data</b>			
Pin dimension	6,3 x 0,8mm	6,3 x 0,8mm	
Voltage	24 V DC	24 V AC/DC	
Rated current max.	4 A	4 A	
Suppressor	diode 1A 1000V	TVS Vbr max.=37,8V Peak=400W	
LED colour	yellow	yellow	
Contact resistance	15mΩ max.	15mΩ max.	
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 holder material	PA6 GF	PA6 GF	
Housing material	PA12	PA12	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	3	3	
Temperature range	-20°C to + 80°C	-20°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 / 2,5Kg	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 171-175	NBR flat gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	



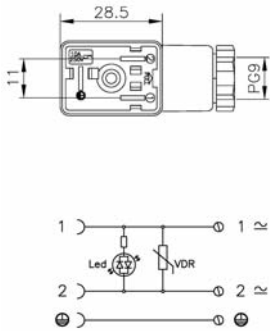
<b>Product description</b>			
Standard	Industrial standard (11 mm)	Industrial standard (11 mm)	
Construction type	B	B	
Description	P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and VDR protective circuit (varistor)	P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and VDR protective circuit (varistor)	
Housing colour	transparent	transparent	
Number of contacts	2+PE	2+PE	
Order no.	<b>KB132V54T9</b>	<b>KB132V55T9</b>	
Other options on request	led colour red led colour green	order no. <b>KB132V57T9</b> order no. <b>KB132V5AT9</b>	order no. <b>KB132V58T9</b> order no. <b>KB132V5BT9</b>
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	1,5mm <sup>2</sup> without splice/terminal	1,5mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>		 	 
<b>Technical data</b>			
Pin dimension	6,3 x 0,8mm	6,3 x 0,8mm	
Voltage	24 V AC/DC	115 V AC/DC	
Rated current max.	5 A	5 A	
Suppressor	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	
LED colour	yellow	yellow	
Contact resistance	15mΩ max.	15mΩ max.	
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 holder material	PA6 GF	PA6 GF	
Housing material	PA12	PA12	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	3	3	
Temperature range	-20°C to + 80°C	-20°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 / 2,5Kg	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 171-175	NBR flat gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	NBR flat gasket 100 pcs in bag Stainless steel screw 100 pcs in bag	

## Valve Connectors **KB1** series

SELF - ASSEMBLY CABLE



Form B - INDUSTRIAL

Industrial standard (11 mm)			
B			
P11 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator (LED) and VDR protective circuit (varistor) transparent			
2+PE			
<b>KB132V56T9</b>			
order no. <b>KB132V59T9</b>			
order no. <b>KB132V5CT9</b>			
PG9 (M10x1,5 on request)			
1,5mm <sup>2</sup> without splice/terminal			
			
6,3 x 0,8mm			
230 V AC/DC			
5 A			
VDR 275 Vrms 8,6 Joule			
yellow			
15mΩ max.			
III			
screw M3			
max. 0,5 N/m			
5 mm to 7 mm diameter			
central screw M3x32,5			
PA6 GF			
PA12			
IP 65 when correctly assembled			
3			
-20°C to + 80°C			
HB - UL 94			
HB - UL 94			
100 pieces / 2,5Kg			
29 x 15 x 18 cm			
NBR flat gasket 100 pcs in bag			
Stainless steel screw 100 pcs in bag			





Form C - EN 175301-803 (DIN43650)

<b>Product description</b>			
Standard	EN175301-803	EN175301-803	
Construction type	C	C	
Description	P8 connector with screw terminals NBR flat gasket (PE) earth position H6	P8 connector with screw terminals NBR flat gasket (PE) earth position H6	
Housing colour	black	black	
Number of contacts	2+PE	3+PE	
Order no.	<b>KC136000B7</b>	<b>KC046000B7</b>	
Other option on request	order no. <b>KC135000B7</b> earth pos. H12	order no. <b>KC045000B7</b> earth pos. H12	
Cable gland	PG7	PG7	
Max. conductor size	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	3,6 x 0,8mm; 2,8 x 0,8mm	3,6 x 0,8mm; 2,8 x 0,8mm	
Voltage	250 V AC/DC max.	250 V AC/DC max.	
Rated current max.	6 A (IEC512-3 test 5b)	6 A (IEC512-3 test 5b)	
Suppressor			
LED colour			
Contact resistance	15mΩ max.	15mΩ max.	
Overvoltage category	III	III	
Type of termination	headless screw M3	headless screw M3	
Contact screw torque	max. 0,2 N/m	max. 0,2 N/m	
Suitable cables	4 mm to 6 mm diameter	4 mm to 6 mm diameter	
Mounting	central screw M2,5x27,5	central screw M2,5x27,5	
<b>Material</b>			
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA6 GF	PA6 GF	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	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.	1000 pieces / Kg 13	1000 pieces / Kg 13	
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 171-175	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	



Form C - EN 175301-803 (DIN43650)

<b>Product description</b>			
Standard	EN175301-803	EN175301-803	
Construction type	C	C	
Description	P8 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED)	P8 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED)	
Housing colour	transparent	transparent	
Number of contacts	2+PE	2+PE	
Order no.	<b>KC136L34T7</b>	<b>KC136L35T7</b>	
Other options on request	led colour red order no. <b>KC136L37T7</b>	order no. <b>KC136L38T7</b>	
Cable gland	PG7	PG7	
Max. conductor size	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	3,6 x 0,8mm; 2,8 x 0,8mm	3,6 x 0,8mm; 2,8 x 0,8mm	
Voltage	24 V AC/DC	115 V AC/DC	
Rated current max.	6 A	6 A	
Suppressor			
LED colour	yellow	yellow	
Contact resistance	15mΩ max.	15mΩ max.	
Overvoltage category	III	III	
Type of termination	headless screw M3	headless screw M3	
Contact screw torque	max. 0,2 N/m	max. 0,2 N/m	
Suitable cables	4 mm to 6 mm diameter	4 mm to 6 mm diameter	
Mounting	central screw M2,5x27,5	central screw M2,5x27,5	
<b>Material</b>			
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA12	PA12	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	3	3	
Temperature range	-20 °C to + 80 °C	-20 °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.	200 pieces / Kg 2,6	200 pieces / Kg 2,6	
Box dimensions	29 x 15 x 18 cm	29 x 15 x 18 cm	
<b>Other accessory options</b>			
to be ordered separately see pages 171-175	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	

## Valve Connectors **KC1** series

SELF - ASSEMBLY CABLE



EN175301-803	EN175301-803	EN175301-803	EN175301-803
C	C	C	C
P8 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED)	P8 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and VDR protective circuit (varistor)	P8 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and VDR protective circuit (varistor)	P8 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and VDR protective circuit (varistor)
transparent	transparent	transparent	transparent
2+PE	2+PE	2+PE	2+PE
<b>KC136L36T7</b>	<b>KC136V54T7</b>	<b>KC136V55T7</b>	<b>KC136V56T7</b>
order no. <b>KC136L39T7</b>	order no. <b>KC136V57T7</b>	order no. <b>KC136V58T7</b>	order no. <b>KC136V59T7</b>
PG7	PG7	PG7	PG7
1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal
3,6 x 0,8mm; 2,8 x 0,8mm	3,6 x 0,8mm; 2,8 x 0,8mm	3,6 x 0,8mm ; 2,8 x 0,8mm	3,6 x 0,8mm ; 2,8 x 0,8mm
230 V AC/DC	24 V AC/DC	115 V AC/DC	230 V AC/DC
6 A	5 A	5 A	5 A
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m
4 mm to 6 mm diameter central screw M2,5x27,5	4 mm to 6 mm diameter central screw M2,5x27,5	4 mm to 6 mm diameter central screw M2,5x27,5	4 mm to 6 mm diameter central screw M2,5x27,5
PA6 GF PA12	PA6 GF PA12	PA6 GF PA12	PA6 GF PA12
IP 65 when correctly assembled 3	IP 65 when correctly assembled 3	IP 65 when correctly assembled 3	IP 65 when correctly assembled 3
-20 °C to + 80 °C	-20 °C to + 80 °C	-20 °C to + 80 °C	-20 °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
200 pieces / Kg 2,6 29 x 15 x 18 cm	200 pieces / Kg 2,6 29 x 15 x 18 cm	200 pieces / Kg 2,6 29 x 15 x 18 cm	200 pieces / Kg 2,6 29 x 15 x 18 cm
NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag

Form C - EN 175301-803 (DIN43650)

## Valve Connectors **KC0 - KC1** series

SELF - ASSEMBLY CABLE



EN175301-803	EN175301-803	EN175301-803	
C	C	C	
P8 connector with screw terminals NBR flat gasket (PE) earth position H6 and protective circuit (diode)	P8 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and protective circuit (diode)	P8 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and TVS protective circuit (transil)	
black	transparent	transparent	
2+PE	2+PE	2+PE	
<b>KC136D10B7</b>	<b>KC136D54T7</b>	<b>KC136T54T7</b>	
order no. <b>KC135D10B7</b> earth pos. H12	order no. <b>KC136D57T7</b> (led colour red)	order no. <b>KC136T57T7</b> (led colour red)	
PG7	PG7	PG7	
1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	
3,6 x 0,8mm; 2,8 x 0,8mm	3,6 x 0,8mm; 2,8 x 0,8mm	3,6 x 0,8mm; 2,8 x 0,8mm	
0...230 V DC	24 V DC	24 V AC/DC	
4 A	4 A	4 A	
diode 1A 1000V	diode 1A 1000V	TVS Vbr max.=37,8V Peak=400W	
15mΩ max.	15mΩ max.	15mΩ max.	
III	III	III	
headless screw M3	headless screw M3	headless screw M3	
max. 0,2 N/m	max. 0,2 N/m	max. 0,2 N/m	
4 mm to 6 mm diameter	4 mm to 6 mm diameter	4 mm to 6 mm diameter	
central screw M2,5x27,5	central screw M2,5x27,5	central screw M2,5x27,5	
PA6 GF	PA6 GF	PA6 GF	
PA6 GF	PA12	PA12	
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	
3	3	3	
-40 °C to + 100 °C	-20 °C to + 80 °C	-20 °C to + 80 °C	
HB - UL 94	HB - UL 94	HB - UL 94	
HB - UL 94	HB - UL 94	HB - UL 94	
200 pieces / Kg 2,5	200 pieces / Kg 2,6	200 pieces / Kg 2,6	
29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm	
NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	

Form C - EN 175301-803 (DIN43650)



<b>Product description</b>			
Standard	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	
Construction type	C	C	
Description	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6	
Housing colour	black	black	
Number of contacts	2+PE	3+PE	
Order no.	<b>KD136000B7</b>	<b>KD046000B7</b>	
Other options on request	order no. <b>KD135000B7</b> earth pos. H12	order no. <b>KD045000B7</b> earth pos. H12	
Cable gland	PG7	PG7	
Max. conductor size	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	
Drawing		 	 
<b>Technical data</b>			
Pin dimension	3,6 x 0,5mm; 2,8 x 0,5mm	3,6 x 0,5mm; 2,8 x 0,5mm	
Voltage	250 V AC/DC max.	250 V AC/DC max.	
Rated current max.	6 A ( IEC512-3 test 5b )	6 A ( IEC512-3 test 5b )	
Suppressor			
LED colour			
Contact resistance	15mΩ max.	15mΩ max.	
Overvoltage category	III	III	
Type of termination	headless screw M3	headless screw M3	
Contact screw torque	max. 0,2 N/m	max. 0,2 N/m	
Suitable cables	4 mm to 6 mm diameter	4 mm to 6 mm diameter	
Mounting	central screw M3x27,5	central screw M3x27,5	
<b>Material</b>			
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA6 GF	PA6 GF	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	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.	1000 pieces / Kg 13	1000 pieces / Kg 13	
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 171-175	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	



<b>Product description</b>			
Standard	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	
Construction type	C	C	
Description	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED)	
Housing colour	transparent	transparent	
Number of contacts	2+PE	2+PE	
Order no.	<b>KD136L34T7</b>	<b>KD136L35T7</b>	
Other options on request	led colour red	order no. <b>KD136L37T7</b>	order no. <b>KD136L38T7</b>
Cable gland	PG7	PG7	
Max. conductor size	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	
<b>Drawing</b>			
<b>Technical data</b>			
Pin dimension	3,6 x 0,5mm; 2,8 x 0,5mm	3,6 x 0,5mm; 2,8 x 0,5mm	
Voltage	24 V AC/DC	115 V AC/DC	
Rated current max.	6 A	6 A	
Suppressor			
LED colour	yellow	yellow	
Contact resistance	15mΩ max.	15mΩ max.	
Overvoltage category	III	III	
Type of termination	headless screw M3	headless screw M3	
Contact screw torque	max. 0,2 N/m	max. 0,2 N/m	
Suitable cables	4 mm to 6 mm diameter	4 mm to 6 mm diameter	
Mounting	central screw M3x27,5	central screw M3x27,5	
<b>Material</b>			
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA12	PA12	
<b>Environmental conditions</b>			
Protection class (EN 60529)	IP 65 when correctly assembled	IP 65 when correctly assembled	
Pollution severity (EN 60664-1)	3	3	
Temperature range	-20 °C to + 80 °C	-20 °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.	200 pieces / Kg 2,6	200 pieces / Kg 2,6	
Box dimensions	29 x 15 x 18 cm	29 x 15 x 18 cm	
<b>Other accessory options</b>			
to be ordered separately see pages 171-175	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	

## Valve Connectors **KD1** series

SELF - ASSEMBLY CABLE



Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)
C	C	C	C
P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and VDR protective circuit (varistor)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and VDR protective circuit (varistor)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and VDR protective circuit (varistor)
transparent	transparent	transparent	transparent
2+PE	2+PE	2+PE	2+PE
<b>KD136L36T7</b>	<b>KD136V54T7</b>	<b>KD136V55T7</b>	<b>KD136V56T7</b>
order no. <b>KD136L39T7</b>	order no. <b>KD136V57T7</b>	order no. <b>KD136V58T7</b>	order no. <b>KD136V59T7</b>
PG7	PG7	PG7	PG7
1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal
3,6 x 0,5mm; 2,8 x 0,5mm	3,6 x 0,5mm; 2,8 x 0,5mm	3,6 x 0,5mm; 2,8 x 0,5mm	3,6 x 0,5mm; 2,8 x 0,5mm
230 V AC/DC	24 V AC/DC	115 V AC/DC	230 V AC/DC
6 A	5 A	5 A	5 A
	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	VDR 275 Vrms 8,6 Joule
yellow	yellow	yellow	yellow
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
headless screw M3	headless screw M3	headless screw M3	headless screw M3
max. 0,2 N/m	max. 0,2 N/m	max. 0,2 N/m	max. 0,2 N/m
4 mm to 6 mm diameter	4 mm to 6 mm diameter	4 mm to 6 mm diameter	4 mm to 6 mm diameter
central screw M3x27,5	central screw M3x27,5	central screw M3x27,5	central screw M3x27,5
PA6 GF	PA6 GF	PA6 GF	PA6 GF
PA12	PA12	PA12	PA12
IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled
3	3	3	3
-20 °C to + 80 °C	-20 °C to + 80 °C	-20 °C to + 80 °C	-20 °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
200 pieces / Kg 2,6	200 pieces / Kg 2,6	200 pieces / Kg 2,6	200 pieces / Kg 2,6
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 profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag

Form C - INDUSTRIAL

## Valve Connectors **KD0 - KD1** series

SELF - ASSEMBLY CABLE



	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	Industrial standard (9,4 mm)	
	C	C	C	
	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 and protective circuit (diode)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and protective circuit (diode)	P9,4 connector with screw terminals NBR flat gasket (PE) earth position H6 function indicator (LED) and TVS protective circuit (transil)	
	black	transparent	transparent	
	2+PE	2+PE	2+PE	
	<b>KD136D10B7</b>	<b>KD136D57T7</b>	<b>KD136T54T7</b>	
	order no. <b>KD135D10B7</b> earth pos. H12	order no. <b>KD136D57T7</b> (led colour red)	order no. <b>KD136T57T7</b> (led colour red)	
	PG7	PG7	PG7	
	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	1,0mm <sup>2</sup> without splice/terminal	
	3,6 x 0,5mm; 2,8 x 0,5mm	3,6 x 0,5mm; 2,8 x 0,5mm	3,6 x 0,5mm; 2,8 x 0,5mm	
	0...230 V DC	24 V DC	24 V AC/DC	
	4 A	4 A	4 A	
	diode 1A 1000V	diode 1A 1000V	TVS Vbr max.=37,8V Peak=400W	
	15mΩ max.	15mΩ max.	15mΩ max.	
	III	III	III	
	headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m	headless screw M3 max. 0,2 N/m	
	4 mm to 6 mm diameter	4 mm to 6 mm diameter	4 mm to 6 mm diameter	
	central screw M3x27,5	central screw M3x27,5	central screw M3x27,5	
	PA6 GF	PA6 GF	PA6 GF	
	PA6 GF	PA12	PA12	
	IP 65 when correctly assembled	IP 65 when correctly assembled	IP 65 when correctly assembled	
	3	3	3	
	-40 °C to + 100 °C	-20 °C to + 80 °C	-20 °C to + 80 °C	
	HB - UL 94	HB - UL 94	HB - UL 94	
	HB - UL 94	HB - UL 94	HB - UL 94	
	200 pieces / Kg 2,5	200 pieces / Kg 2,6	200 pieces / Kg 2,6	
	29 x 15 x 18 cm	29 x 15 x 18 cm	29 x 15 x 18 cm	
	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	

Form C - INDUSTRIAL