



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 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.	KA132D10B9	KA132D10B1	
Other options on request	grey housing	order no. KA132D10A9	order no. KA132D10A1
Cable gland	PG9 (M16x1,5 on request)	PG11	
Max. conductor size	1,5mm ² without splice/terminal	1,5mm ² without splice/terminal	
Drawing			
			ERRATA CORRIGE
Technical data			
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 max.	4 A	4 A	
Suppressor	Diode 1A 1000V	Diode 1A 1000V	
LED colour			
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	
Material			
Contact holder material	PA6 GF	PA6 GF	
Housing material	PA6 GF	PA6 GF	
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	-40°C to + 100°C	-40°C to + 100°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	
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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 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
KA132T11B9	KA132T11B1	KA132C12B9	KA132C12B1
order no. KA132T11A9	order no. KA132T11A1	order no. KA132C12A9	order no. KA132C12A1
PG9 (M16x1,5 on request)	PG11	PG9 (M16x1,5 on request)	PG11
1,5mm ² without splice/terminal	1,5mm ² without splice/terminal	1,5mm ² without splice/terminal	1,5mm ² 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
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
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
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 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.		KA132D54T9	KA132D54T1
Other options on request	led colour red led colour green	order no. KA132D57T9 order no. KA132D5AT9	order no. KA132D57T1 order no. KA132D5AT1
Cable gland		PG9 (M16x1,5 on request)	PG11
Max. conductor size		1,5mm ² without splice/terminal	1,5mm ² 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 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
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 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
KA132T54T9	KA132T54T1	KA132C54T9	KA132C54T1
order no. KA132T57T9	order no. KA132T57T1		
order no. KA132T5AT9	order no. KA132T5AT1		
PG9 (M16x1,5 on request)	PG11	PG9 (M16x1,5 on request)	PG11
1,5mm ² without splice/terminal	1,5mm ² without splice/terminal	1,5mm ² without splice/terminal	1,5mm ² 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		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.		KA132L34T9	KA132L35T9
Other options on request	led colour red	order no. KA132L37T9	order no. KA132L38T9
	led colour green	order no. KA132L3AT9	order no. KA132L3BT9
Cable gland		PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)
Max. conductor size		1,5mm ² without splice/terminal	1,5mm ² 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.		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
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)	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
KA132L36T9	KA132L34T1	KA132L35T1	KA132L36T1
order no. KA132L39T9	order no. KA132L37T1	order no. KA132L38T1	order no. KA132L39T1
order no. KA132L3CT9	order no. KA132L3AT1	order no. KA132L3BT1	order no. KA132L3CT1
PG9 (M16x1,5 on request)	PG11	PG11	PG11
1,5mm ² without splice/terminal	1,5mm ² without splice/terminal	1,5mm ² without splice/terminal	1,5mm ² 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

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.	KA132V54T9	KA132V55T9	
Other options on request	led colour red led colour green	order no. KA132V57T9 order no. KA132V5AT9	order no. KA132V58T9 order no. KA132V5BT9
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	max. 1,5mm ² without splice/terminal	max. 1,5mm ² 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 KA132V56T9	2+PE KA132V54T1	2+PE KA132V55T1	2+PE KA132V56T1
order no. KA132V59T9	order no. KA132V57T1	order no. KA132V58T1	order no. KA132V59T1
order no. KA132V5CT9	order no. KA132V5AT1	order no. KA132V5BT1	order no. KA132V5CT1
PG9 (M16x1,5 on request)	PG11	PG11	PG11
max. 1,5mm ² without splice/terminal	max. 1,5mm ² without splice/terminal	max. 1,5mm ² without splice/terminal	max. 1,5mm ² 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	screw M3 max. 0,5 N/m	screw M3 max. 0,5 N/m	screw M3 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 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



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 bi-colour LED for pressure switch device	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator bi-colour LED for pressure switch device	
Housing colour	transparent	transparent	
Number of contacts	3+PE	3+PE	
Order no.	KA042P1YT9	KA042P2YT9	
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	1mm ² without splice/terminal	1mm ² 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	24 V AC/DC	
Rated current max.	4 A	4 A	
LED colour	LED yellow (pin 3) LED green (pin 2)	LED red (pin 3) LED green (pin 2)	
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 KAO 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 bi-colour LED for pressure switch device	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator bi-colour LED for pressure switch device	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator bi-colour LED for pressure switch device	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 function indicator bi-colour LED for pressure switch device
transparent	transparent	transparent	transparent
3+PE	3+PE	3+PE	3+PE
KA042P3YT9	KA042P1YT1	KA042P2YT1	KA042P3YT1
PG9 (M16x1,5 on request)	PG11	PG11	PG11
1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² 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
LED green (pin 3) LED yellow (pin 2) 15mΩ max.	LED yellow (pin 3) LED green (pin 2) 15mΩ max.	LED red (pin 3) LED green (pin 2) 15mΩ max.	LED green (pin 3) LED yellow (pin 2) 15mΩ max.
III	III	III	III
screw M3 max. 0,5 N/m	screw M3 max. 0,5 N/m	screw M3 max. 0,5 N/m	screw M3 max. 0,5 N/m
5 mm to 7 mm diameter central screw M3x32,5	6 mm to 9 mm diameter central screw M3x32,5	6 mm to 9 mm diameter central screw M3x32,5	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 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
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



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 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.	KA132R11B9	KA132R12B9	
Other options on request	grey housing	order no. KA132R11A9	order no. KA132R12A9
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	1mm ² without splice/terminal	1mm ² 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	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			
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	PA6 GF	PA6 GF	
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	-40°C to + 80°C	-40°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 / 2,7Kg	100 pieces / 2,7Kg	
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 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
KA132R13B9	KA132R11B1	KA132R12B1	KA132R13B1
order no. KA132R13A9	order no. KA132R11A1	order no. KA132R12A1	order no. KA132R13A1
PG9 (M16x1,5 on request)	PG11	PG11	PG11
1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² 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
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
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

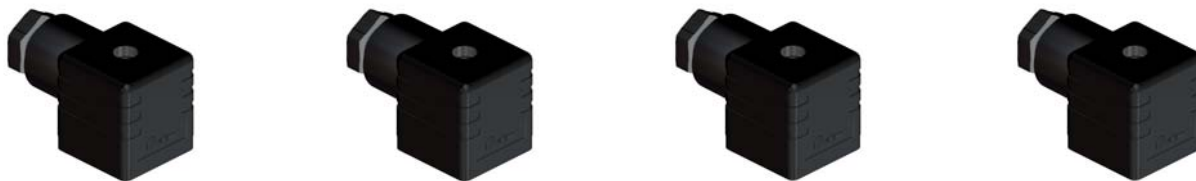


Form A - EN 175301-803 (DIN43650) / ISO 4400

Product description			
Standard	EN175301-803	EN175301-803	
Construction type	A	A	
Description	P18 connector with screw terminals NBR profile gasket (PE) earth position H12 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.	KA132R21B9	KA132R22B9	
Other options on request	grey housing		
Cable gland	order no. KA132R21A9 PG9 (M16x1,5 on request)	order no. KA132R22A9 PG9 (M16x1,5 on request)	
Max. conductor size	1mm ² without splice/terminal	1mm ² 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	Input 24 VAC ; Output 20 VDC	Input 115 VAC ; Output 103 VDC	
Rated current max.	4 A	4 A	
Suppressor	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	
LED colour			
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	PA6 GF	PA6 GF	
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	-40°C to + 80°C	-40°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 / 2,7Kg	100 pieces / 2,7Kg	
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 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
KA132R23B9	KA132R21B1	KA132R22B1	KA132R23B1
order no. KA132R23A9	order no. KA132R21A1	order no. KA132R22A1	order no. KA132R23A1
PG9 (M16x1,5 on request)	PG11	PG11	PG11
1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² without splice/terminal
6,3 x 0,8mm ; 4,8 x 0,8mm Input 230 VAC ; Output 207 VDC 4 A	6,3 x 0,8mm ; 4,8 x 0,8mm Input 24 VAC ; Output 20 VDC 4 A	6,3 x 0,8mm ; 4,8 x 0,8mm Input 115 VAC ; Output 103 VDC 4 A	6,3 x 0,8mm ; 4,8 x 0,8mm Input 230 VAC ; Output 207 VDC 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
15mΩ max.	15mΩ max.	15mΩ max.	15mΩ max.
III	III	III	III
screw M3 max. 0,5 N/m	screw M3 max. 0,5 N/m	screw M3 max. 0,5 N/m	screw M3 max. 0,5 N/m
5 mm to 7 mm diameter central screw M3x32,5	6 mm to 9 mm diameter central screw M3x32,5	6 mm to 9 mm diameter central screw M3x32,5	6 mm to 9 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 3	IP 65 when correctly assembled 3	IP 65 when correctly assembled 3	IP 65 when correctly assembled 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 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

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 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.	KA132R54T9	KA132R55T9	
Other options on request	led colour red led colour green	order no. KA132R57T9 order no. KA132R5AT9	order no. KA132R58T9 order no. KA132R5BT9
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	1mm ² without splice/terminal	1mm ² 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	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	
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 / 2,7Kg	100 pieces / 2,7Kg	
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 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
KA132R56T9	KA132R54T1	KA132R55T1	KA132R56T1
order no. KA132R59T9	order no. KA132R57T1	order no. KA132R58T1	order no. KA132R59T1
order no. KA132R5CT9	order no. KA132R5AT1	order no. KA132R5BT1	order no. KA132R5CT1
PG9 (M16x1,5 on request)	PG11	PG11	PG11
1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² 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			
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.	KA132RB4T9	KA132RB5T9	
Other options on request			
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	1mm ² without splice/terminal	1mm ² 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	Input 24 VAC ; Output 20 VDC	Input 115 VAC ; Output 103 VDC	
Rated current max.	2 A	2 A	
Suppressor	VDR 30 Vrms 0,9 Joule	VDR 130 Vrms 4,5 Joule	
LED colour	yellow	yellow	
Contact resistance	15mΩ max.	15mΩ max.	
Overtoltage 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 / 2,7Kg	100 pieces / 2,7Kg	
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 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
KA132RB6T9	KA132RB4T1	KA132RB5T1	KA132RB6T1
PG9 (M16x1,5 on request)	PG11	PG11	PG11
1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² without splice/terminal
6,3 x 0,8mm ; 4,8 x 0,8mm Input 230 VAC ; Output 207 VDC 2 A	6,3 x 0,8mm ; 4,8 x 0,8mm Input 115 VAC ; Output 103 VDC 2 A	6,3 x 0,8mm ; 4,8 x 0,8mm Input 115 VAC ; Output 103 VDC 2 A	6,3 x 0,8mm ; 4,8 x 0,8mm Input 230 VAC ; Output 207 VDC 2 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 screw M3 max. 0,5 N/m 5 mm to 7 mm diameter central screw M3x32,5	III screw M3 max. 0,5 N/m 6 mm to 9 mm diameter central screw M3x32,5	III screw M3 max. 0,5 N/m 6 mm to 9 mm diameter central screw M3x32,5	III 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 3 -20°C to + 80°C	IP 65 when correctly assembled 3 -20°C to + 80°C	IP 65 when correctly assembled 3 -20°C to + 80°C	IP 65 when correctly assembled 3 -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 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

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 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.	KA132R64T9	KA132R65T9	
Other options on request			
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)	
Max. conductor size	1mm ² without splice/terminal	1mm ² 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	Input 24 VAC ; Output 20 VDC	Input 115 VAC ; Output 103 VDC	
Rated current max.	4 A	4 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 / 2,7Kg	100 pieces / 2,7Kg	
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 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
	KA132R66T9	KA132R64T1	KA132R65T1	KA132R66T1
	PG9 (M16x1,5 on request)	PG11	PG11	PG11
	1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² without splice/terminal	1mm ² without splice/terminal
	6,3 x 0,8mm ; 4,8 x 0,8mm Input 230 VAC ; Output 207 VDC 4 A	6,3 x 0,8mm ; 4,8 x 0,8mm Input 24 VAC ; Output 20 VDC 4 A	6,3 x 0,8mm ; 4,8 x 0,8mm Input 115 VAC ; Output 103 VDC 4 A	6,3 x 0,8mm ; 4,8 x 0,8mm Input 230 VAC ; Output 207 VDC 4 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 screw M3 max. 0,5 N/m	III screw M3 max. 0,5 N/m	III screw M3 max. 0,5 N/m	III screw M3 max. 0,5 N/m
	5 mm to 7 mm diameter central screw M3x32,5	6 mm to 9 mm diameter central screw M3x32,5	6 mm to 9 mm diameter central screw M3x32,5	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 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
	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

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. With P.W.M. energy saving circuit with microprocessor. Protection against short circuit, overload and reverse polarity (in case of wrong connection). Auto regulation of the Output power as a function of the input voltage variation	
Housing colour	transparent	transparent
Number of contacts	2+PE	2+PE
Order no.	KA132A3GT9	KA132A34T9
Cable gland	PG9 (M16x1,5 on request)	PG9 (M16x1,5 on request)
Max. conductor size	1mm ² without splice/terminal	1mm ² 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
Nominal Voltage	12 V DC ripple 10% (max)	24 V DC ripple 10% (max)
Rated Voltage	8 - 20 V DC	18 - 30 V DC
Max. Current	2 A	2 A
Max. Power	50 W	50 W
PWM Frequency	170 Hz	170 Hz
Start-up time	600 msec.	600 msec.
Power Reduction	40%	40%
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 / 2,7Kg	100 pieces / 2,7Kg
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	We can provide a customer version, with parameterized dedicated	