



Form C - EN 175301-803 (DIN43650)

Product description			
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.	KC136000B7	KC046000B7	
Other option on request	order no. KC135000B7 earth pos. H12	order no. KC045000B7 earth pos. H12	
Cable gland	PG7	PG7	
Max. conductor size	1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	
Drawing			
Technical data			
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	
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.	1000 pieces / Kg 13	1000 pieces / Kg 13	
Box dimensions	80 x 30 x 22 cm	80 x 30 x 22 cm	
Other accessory options			
to be ordered separately see pages 171-175	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	

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	
KC136D10B7	KC136D54T7	KC136T54T7	
order no. KC135D10B7 earth pos. H12	order no. KC136D57T7 (led colour red)	order no. KC136T57T7 (led colour red)	
PG7	PG7	PG7	
1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	1,0mm ² 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 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	
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)



Form C - EN 175301-803 (DIN43650)

Product description			
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.	KC136L34T7	KC136L35T7	
Other options on request	led colour red order no. KC136L37T7	order no. KC136L38T7	
Cable gland	PG7	PG7	
Max. conductor size	1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	
Drawing			
Technical data			
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	
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.	200 pieces / Kg 2,6	200 pieces / Kg 2,6	
Box dimensions	29 x 15 x 18 cm	29 x 15 x 18 cm	
Other accessory options			
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
KC136L36T7	KC136V54T7	KC136V55T7	KC136V56T7
order no. KC136L39T7	order no. KC136V57T7	order no. KC136V58T7	order no. KC136V59T7
PG7	PG7	PG7	PG7
1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	1,0mm ² 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	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	central screw M2,5x27,5
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 - EN 175301-803 (DIN43650)



Product description			
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.	KD136000B7	KD046000B7	
Other options on request	order no. KD135000B7 earth pos. H12	order no. KD045000B7 earth pos. H12	
Cable gland	PG7	PG7	
Max. conductor size	1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	
Drawing		 	
Technical data			
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	
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.	1000 pieces / Kg 13	1000 pieces / Kg 13	
Box dimensions	80 x 30 x 22 cm	80 x 30 x 22 cm	
Other accessory options			
to be ordered separately see pages 171-175	NBR profile gasket 100 pcs in bag	NBR profile gasket 100 pcs in bag	

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	
	KD136D10B7	KD136D54T7	KD136T54T7	
	order no. KD135D10B7 earth pos. H12	order no. KD136D57T7 (led colour red)	order no. KD136T57T7 (led colour red)	
	PG7	PG7	PG7	
	1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	1,0mm ² 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



Product description			
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.	KD136L34T7	KD136L35T7	
Other options on request	led colour red	order no. KD136L37T7	order no. KD136L38T7
Cable gland	PG7	PG7	
Max. conductor size	1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	
Drawing			
Technical data			
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	
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.	200 pieces / Kg 2,6	200 pieces / Kg 2,6	
Box dimensions	29 x 15 x 18 cm	29 x 15 x 18 cm	
Other accessory options			
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
KD136L36T7	KD136V54T7	KD136V55T7	KD136V56T7
order no. KD136L39T7	order no. KD136V57T7	order no. KD136V58T7	order no. KD136V59T7
PG7	PG7	PG7	PG7
1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	1,0mm ² without splice/terminal	1,0mm ² 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 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	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