



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	

## 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	

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