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HVC8 Connector, Variant 113, with Cable, Assembled

3-pole, straight connector with one screw as locking mechanism.
Adapted to high voltage cable Radox Elastomere 35 mm^2 from company Huber & Suhner.
Compatible receptacle: 382 005 102 or upgrade kit (B- to C-sample) 389 015 401.
Product validation according to specification ZF AVE 130.

Picture may vary.

Technical Data

Article no.		**382 999 999 00012**
Type designation		**CC-HVC8-35_RadoxS-3-180°-A-CR-SF-SC-NI-113**
Cable length	**(m)**	**12**
HVC8 Electric contact	**Ø (mm)**	**8**
Number of power contacts		**3**
Connection type		**35 mm^2 compressed**
Housing		**Aluminium (sea water resistant), straight**
Mechanical Coding		**A**
Service life		**60.000 / 12**
Contact surface		**silver plated copper**
Locking mechanism		**one central screw**
Mating cycles		**50**
Cable cross section	**(mm^2)**	**35**
Suitable high voltage cable		**100 103 509**
Suitable high voltage cable		**84100296**
Rated voltage	**(V)**	**900, DIN EN 60664-1, 4000m NN**
Electrical withstand voltage	**(kV DC)**	**2,7**
IP protection class DIN 40050-9		**IP 6K9K, IP X7, IP X6K**
IP protection class DIN 40050-9 not mounted		**IP 20**

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Article no.		382 999 999 00012
Screening effectiveness	(dB)	>55 dB for f = 0,1 MHz up to 100 MHz
Corrosion resistance		672 hours, ISO 16750-4, Chapter 5.5.2
Nominal current	(A)	220 (Contact)
Overload current capability	(A/0,1s @ 80° C)	4000
Overload current capability	(A/1s @ 80° C)	1400
Overload current capability	(A/5s @ 80° C)	600
Overload current capability	(A/10s @ 80° C)	450
High short circuit strength	(kA/0,1s @ 20° C)	5
Rated shield current	(A)	10
Max. shield current	(A)	50
Ambient temperature	(°C)	-30 up to +85
Lower storage temperature	(°C)	-40 (48h)
Upper storage temperature	(°C)	100 (96h)
Insertion force	(N)	< 100
Pull-off force	(N)	< 100
Side load on connector housing	(Nm)	4

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