

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 mm² 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 00048	
Type designation	CC-HVC8-35_RadoxS-3-180°-A-CR-SF-SC-NI-113	
Cable length	(m)	1.2
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

Article no.		382 999 999 00048
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