

HVC8 Header Connector, Variant 051

Type: HC-HVC8-3-35-SF-NI-051

Bolt contact 8 mm with press connection for 35 mm² conductor.

Applicable for straight 3-pole cable connector with screw fixation and coding type A.

3-pole receptacle ready for integration into customer device.

Suitable for HVC8 connector 382 011 302.

Product validation according to specification ZF AVE 130.



Picture may vary.

Technical Data

Article no.	382 005 103	
Type designation	HC-HVC8-3-35-SF-NI-051	
Contact bolt	Ø (mm)	8
Number of power contacts	3	
Connection type	35 mm² compressed	
Mechanical Coding	A	
Service life	60.000 / 12	
Contact surface	silver plated copper	
Mating cycles	50	
Rated voltage	(V)	900, DIN EN 60664-1, 4000m NN
Electrical withstand voltage	(kV DC)	2,7
IP protection class DIN 40050-9	IP67	
IP protection class DIN 40050-9 not mounted	IP20	
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

Article no.		382 005 103
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)