



# HARTING PushPull Power, 3-pole, Receptacle, Crimp



## General information

Design	PushPull Power Connector derived from IEC/PAS 61076-3-116	
No. of contacts	2 + PE	
Contact pitch	horizontal x: 3.35 ; vertical y: 4.5	
Test voltage	4 kV	
Rated voltage	250 V	overvoltage category III / pollution degree 3
Working current	16 A (see derating diagram)	
Temperature range	-40° C ... +70° C	
Mating cycles	750	
Termination technology	crimp	
IP-Protection	IP 65/67/68 (1m, 48h) when mated	
Insertion force	50 N	
Withdrawal force	50 N	
Hot plugging	No	
RoHS - compliant	Yes	
UL file	pending	

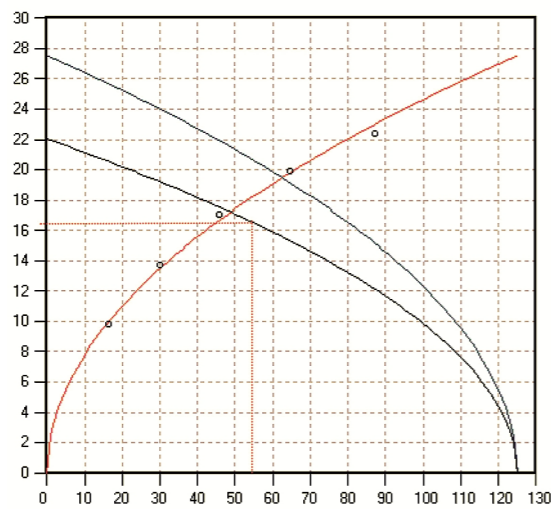
## Insulator material

Material	PC (Polycarbonate)
Color	black
UL classification	UL 94-V0
Material group acc. IEC 60664-1	PC: III (200)

## Contact material

Contact material	Copper alloy
Plating termination zone	Au over Ni
Plating contact zone	Au over Ni

## Derating diagram acc. to IEC 60512-5-2 (Current carrying capacity)



measured with 2.5mm<sup>2</sup> cable

— Derating curve at I max \* 0,8 (DIN EN 60512-5-2)  
 — Derating  
 — Temperature rise

## Connection data

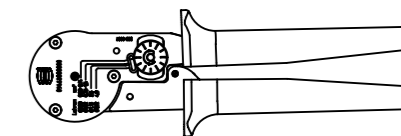
Termination	Crimp
Conductor cross section min./max.	0.75 mm <sup>2</sup> / 2.5 mm <sup>2</sup> AWG 20-12

## Contacts

Power contacts	Part No.
Female Power contact crimp 0.75 mm <sup>2</sup> (AWG 20-18)	09465000404
Female Power contact crimp 1.0 mm <sup>2</sup> (AWG 18)	09465000408
Female Power contact crimp 1.5 mm <sup>2</sup> (AWG 16-14)	09465000402
Female Power contact crimp 2.5 mm <sup>2</sup> (AWG 12)	09465000406

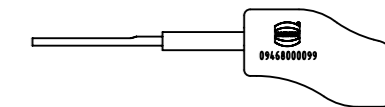
## Recommended tools

Identification	Part No.
HARTING PushPull Power	09468000000
8-indent crimping tool incl. positioner	

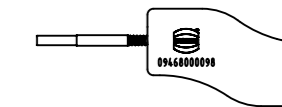


Locator HARTING PushPull Power	09468000010
contacts for Buchanan crimping tool (09990000001)	

Insertion tool	09468000099
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Extraction tool	09468000098
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All Dimensions in mm  
Original Size DIN A3

Scale  
1:1

Free size tol.

Ref.  
Sub.



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Inspected by  
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Standardisation  
HOFFMANN

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Final Release

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