



HARTING PushPull Power, 4-pole, Receptacle



General information

Design	PushPull Power connector derived from IEC 61076-3-106		
No. of contacts	4		
Contact pitch	horizontal: 4.9 (contact 1 and 2) 6.7 (contact 3 and 4) ; vertical 4.5		
Test voltage	4 kV		
Rated voltage	48 V	overvoltage category III / pollution degree 3	
Working current	12 A (see derating diagram, depends on contacts)		
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		

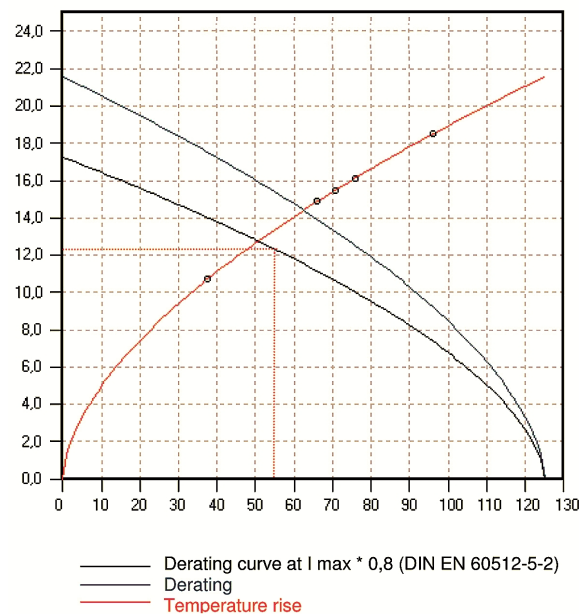
Insulator material

Material	PC (Polycarbonate)
Color	Grey
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)

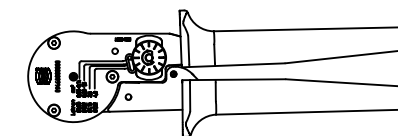


Connection data

Termination	Solder
PCB thickness	max. 3.5 mm

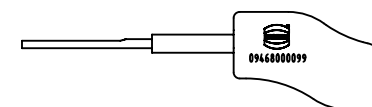
Recommended tools

Identification	Part No.
HARTING PushPull Power	0946800000
8-indent crimping tool incl. positioner	

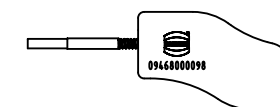


Locator HARTING PushPull Power	09468000010
contacts for Buchanan crimping tool (09990000001)	

Insertion tool	09468000099
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Extraction tool	09468000098
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