

Power connector housing, surface-mounted, max. 960 A

2-pole version, without accessory slot

Item number: GMPH-2S1N-BR-30-S

Packing unit: 1



MECHANICAL PROPERTIES

Design:	Surface-mounted housing
Number of contacts:	2
Contact type:	Socket contact
Shell material:	Aluminum alloy
Surface:	Hard anodising
Surface colour:	Black
Locking mode:	Screwed
Screw material:	Stainless steel
Operation temperature [°C]:	-55 - +180
Material sealing ring:	MVQ
Number of mating cycles (min.):	500
No. of cable entrances:	2
Cable strain relief:	Cable gland

Material contact insert:	High temperature thermoplastic
Operating temperature insert [°C]:	-55 - +180

ELECTRICAL PROPERTIES

Rated current [A]:	≤ 960
Operating voltage [V]:	3600
EMI:	Yes

Fire protection class EN 45545-2:

R22:HL1/HL2/HL3

R23: HL1/HL2/HL3

Protection class EN 60529:

IP68

RoHS-compliant:

Yes

REACH-compliant:

Yes

Socket contact 960A, 240mm²

Item number: GMPC-30S-240AG

Packing unit: 1



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket contact
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Rated current (continuous) [A]:	960
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Contact Material:	CU alloy
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Coating:	Silver
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Protective layer:	Silver plated
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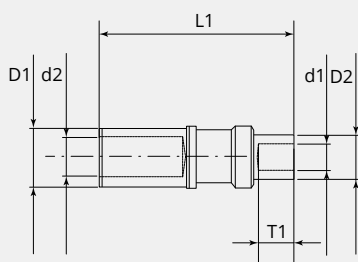
MECHANICAL PROPERTIES CONTACTS

Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm²]:	240
REACH-compliant:	SVHC substances, yes - Lead
RoHS-compliant:	Compliant with exception 6c (copper alloy $\leq 4\%$ lead)

STANDARDS

RoHS-compliant:	Compliant with exception 6c (copper alloy $\leq 4\%$ lead)
REACH-compliant:	SVHC substances, yes - Lead

DIMENSIONS



Socket contact 960A, 300mm²

Item number: GMPC-30S-300AG

Packing unit: 1



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket contact
Rated current (continuous) [A]:	960
Contact Material:	CU alloy
Coating:	Silver
Protective layer:	Silver plated

MECHANICAL PROPERTIES CONTACTS

Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm²]:	300
REACH-compliant:	SVHC substances, yes - Lead
RoHS-compliant:	Compliant with exception 6c (copper alloy $\leq 4\%$ lead)

STANDARDS

RoHS-compliant:	Compliant with exception 6c (copper alloy $\leq 4\%$ lead)
REACH-compliant:	SVHC substances, yes - Lead

DIMENSIONS

