

Module 3 pole, pin, 690V, 40A

Number of slots: 1

Item number: GMRM-690-40-3PCC-01

Packing unit: 1



TECHNICAL CHARACTERISTICS

Number of slots:	1
Number of contacts:	3
Contact type:	Pin
Number of mating cycles (min.):	500

THERMAL PROPERTIES

Material contact insert:	Polycarbonate (PC)
Operating temperature insert [°C]:	-40 - +125

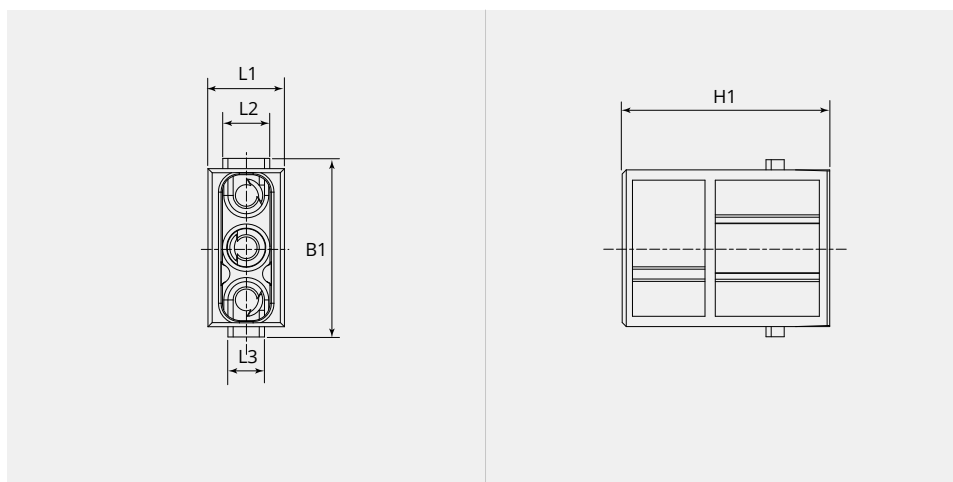
ELECTRICAL PROPERTIES

Rated current [A]:	40
Operating voltage [V]:	690
Rated voltage according to UL/CSA [V]:	600
Test voltage DC [V]:	8
Insulation resistance (Ω):	$\geq 10^{10}$
Pollution degree:	3

STANDARDS

Fire protection class EN 45545-2:	R22/HL1,HL2 R23,24/HL1,HL2,HL3
Flammability rating UL 94:	V0
RoHS-compliant:	Compliant
REACH-compliant:	SVHC substances, no

DIMENSIONS





DIMENSIONS

B1 [mm]:	34.2
Height [mm]:	40.1
L1 [mm]:	14.6
L2 [mm]:	9.0
L3 [mm]:	7.0

Pin contact 40A, 6mm²

Item number: GMRC-PCC-6.0AG

Packing unit: 20



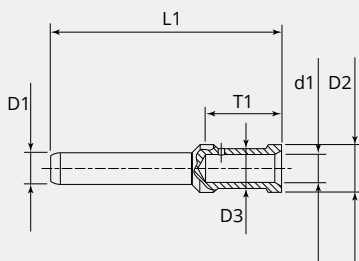
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Rated current (continuous) [A]:	40
Contact resistance (mΩ) :	≤1
Contact Material:	CU alloy
Coating:	Silver
Protective layer:	Silver plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	6
Wire section [AWG]:	10
Stripping length [mm]:	9.6
REACH-compliant:	SVHC substances, yes - Lead
RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)

STANDARDS

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

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	4
D2 Ø [mm]:	6.0
D3 Ø [mm]:	5.0
d1 Ø [mm]:	3.5
L1 [mm]:	29.1
T1 [mm]:	9.6

Pin contact 40A, 1.5mm²

Item number: GMRC-PCC-1.5AG

Packing unit: 20



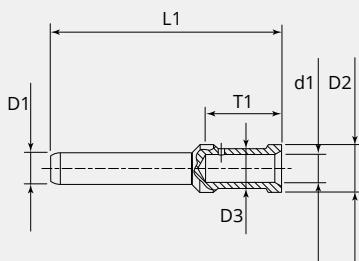
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Rated current (continuous) [A]:	40
Contact resistance (mΩ) :	≤1
Contact Material:	CU alloy
Coating:	Silver
Protective layer:	Silver plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	1.5
Wire section [AWG]:	16
Stripping length [mm]:	9
REACH-compliant:	SVHC substances, yes - Lead
RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)

STANDARDS

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

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	4
D2 Ø [mm]:	6.0
D3 Ø [mm]:	3.0
d1 Ø [mm]:	1.75
L1 [mm]:	29.1
T1 [mm]:	9.6

Pin contact 40A, 10mm²

Item number: GMRC-PCC-10.0AG

Packing unit: 20



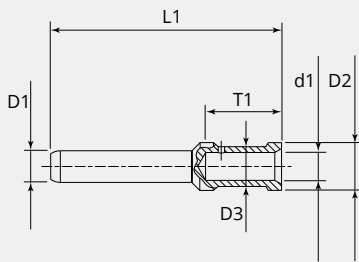
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Rated current (continuous) [A]:	40
Contact resistance (mΩ) :	≤1
Contact Material:	CU alloy
Coating:	Silver
Protective layer:	Silver plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	10
Wire section [AWG]:	8
Stripping length [mm]:	15
REACH-compliant:	SVHC substances, yes - Lead
RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)

STANDARDS

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

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	4
D2 Ø [mm]:	6.0
D3 Ø [mm]:	5.6
d1 Ø [mm]:	4.3
L1 [mm]:	29.1
T1 [mm]:	9.6

Pin contact 40A, 4mm²

Item number: GMRC-PCC-4.0AG

Packing unit: 20



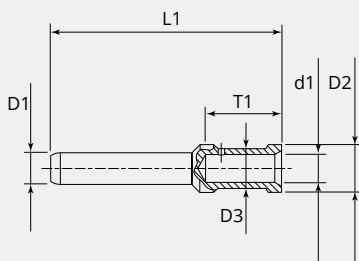
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Rated current (continuous) [A]:	40
Contact resistance (mΩ) :	≤1
Contact Material:	CU alloy
Coating:	Silver
Protective layer:	Silver plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	4
Wire section [AWG]:	12
Stripping length [mm]:	9.6
REACH-compliant:	SVHC substances, yes - Lead
RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)

STANDARDS

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

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	4
D2 Ø [mm]:	6.0
D3 Ø [mm]:	3.9
d1 Ø [mm]:	2.85
L1 [mm]:	29.1
T1 [mm]:	9.6

Pin contact 40A, 2.5mm²

Item number: GMRC-PCC-2.5AG

Packing unit: 20



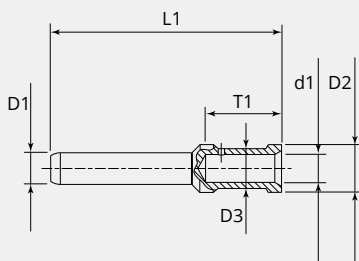
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Rated current (continuous) [A]:	40
Contact resistance (mΩ) :	≤1
Contact Material:	CU alloy
Coating:	Silver
Protective layer:	Silver plated
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm ²]:	2.5
Wire section [AWG]:	14
Stripping length [mm]:	9
REACH-compliant:	SVHC substances, yes - Lead
RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)

STANDARDS

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

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	4
D2 Ø [mm]:	6.0
D3 Ø [mm]:	3.5
d1 Ø [mm]:	2.25
L1 [mm]:	29.1
T1 [mm]:	9.6