Coupler connector - PRC 3-FC-FS6 16-21 HR - 1017633

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Circular connectors (cable-side), Coupler connector, type: Release with tool or by hand (see accessories), Housing material: PPE, color: black, number of positions: 3, Min. wire cross section: 1.5 mm², Max. conductor cross section: 6 mm², nom. voltage: 690 V AC, Rated current: 35 A, Connection method: Screw connection, Type of contact: Socket, Min. cable diameter: 16 mm, Max. cable diameter: 21 mm

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 500959
GTIN	4055626500959

Technical data

General data

Number of positions	3
Protection class	II
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	100
Pull-out-force	150 N ± 50 N
Insertion force	30 N ±10 N
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K

Connection data

Rated current	35 A (With 6 mm² conductor cross section in accordance with IEC 61984)
	35 A (With 6 mm²/AWG 10, in accordance with UL 2238)
Nominal voltage ATD	690 V AC (in accordance with IEC 61984)
	600 V AC (In accordance with UL 2238)
Rated voltage (III/2)	690 V
Conductor cross section flexible min.	1.5 mm²
Conductor cross section flexible max.	6 mm²

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Technical data

Connection data

Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	6 mm²
Stripping length	12 mm
Torque	max. 1 Nm (Contact screw)
Type of contact	Socket
Stripping length of the sheath	50 mm

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PPE
Flammability rating according to UL 94	V0

Standards and Regulations

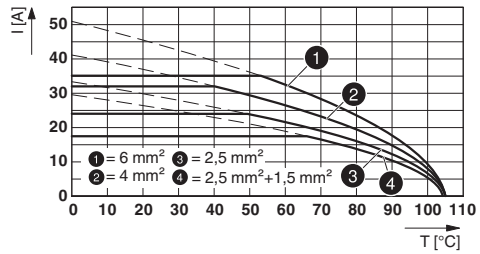
Flammability rating according to UL 94	V0

Environmental Product Compliance

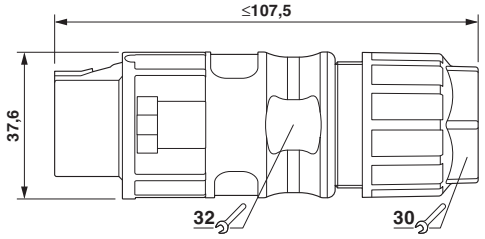
REACh SVHC	Lead 7439-92-1

Drawings

Diagram

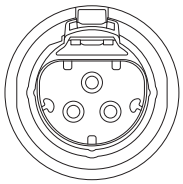


Dimensional drawing



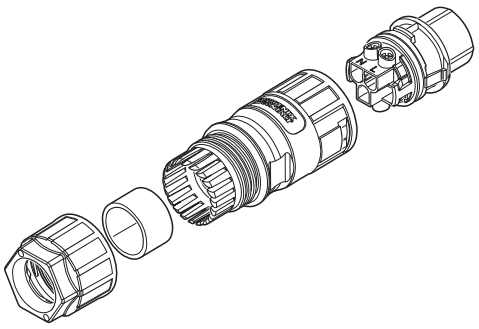
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Schematic diagram



Connector pin assignment

Schematic diagram



Schematic design

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