

BCC M415-M414-3A-304-PW3434-040
BCC0AMW



4MT5
(CJ/VV CABLE ASSEMBLY)

Cable temperature UL max., flexible routing 80 °C

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR orange, 4.00 m, Drag chain compatible welding spark resistant
Cable diameter D	4.30 mm ±0.10 mm
Cable, bending cycles min.	5 million
Cable, torsion stress	±360°/m
Conductor cross-section	0.34 mm ²
Number of conductors	4
Number of pins	5/4
System	Molded/Molded

Electrical data

Horizontal travel permitted, drag chain	5 m
Vertical travel permitted, drag chain	2 m

Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...90 °C
Cable temperature, flexible routing	-25...90 °C
Protection type IEC 60529	IP68 /IP68

Functional safety

Cable temperature UL max., fixed routing	80 °C
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General data

Application	Welding area
Approval/Conformity	cULus LISTED

Material

Material contact carrier	PUR/PUR
Material contacts	Bronze/Brass
Material cover nut	Die-cast zinc/Die-cast zinc
Material grip	PUR/PUR

Mechanical data

Acceleration max., drag chain	5 m/s ²
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min

Remarks

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame resistance per UL FT2

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Connector view



Wiring Diagram

