

Flat cable, 7x4qmm, halogen free

Part no. RA-C1-7X4HF
230860

General specifications		
Product name		Eaton Moeller® series Rapid Link Accessory Flat cable
Part no.		RA-C1-7X4HF
EAN		4015082308605
Product Length/Depth		1000 millimetre
Product height		6 millimetre
Product width		34.8 millimetre
Product weight		0.44 kilogram
Certifications		EN 60811-100 EN 60332-1 EN 60754-1
Product Tradename		Rapid Link
Product Type		Accessory
Product Sub Type		Flat cable
Catalog Notes		VDE 0473, Part 811-2-1 (Resistance to oils and acids)
Features & Functions		
Features		Halogen free (acc. EN 60754-1/2)
Fitted with:		Protective conductor
Functions		For 400 V AC/24 V DC decentralized power supply or AS-Interface
General information		
Flame retardant		Self-extinguishing
Product category		Power supply
Shape		Round
Climatic environmental conditions		
Permissible ambient temperature - min		-5 °C
Permissible ambient temperature - max		55 °C
Main circuit		
Voltage rating		750 V AC
Cable		
Outer diameter - approximate		0 mm
Outer sheath material		Ethlen-Vinylacetat-Copolymer (EVA) mixture (according to DIN VDE 0282)
Permitted bending radius, moving application with free movement - min		0 mm

Technical data ETIM 9.0

Cables (EG000001) / Power cable < 1 kV, for moving application (EC003250)		
Electric engineering, automation, process control engineering / Cable, wire / Energy cable / Energy cable < 1 kV, for moving application (ecl@ss13-27-06-01-06 [AGE896006])		
Conductor material		Copper
Conductor surface		Bare
AWG size		0
Nominal cross section conductor (AWG)	kcmil	14
Nominal cross section conductor	mm ²	2.5
Conductor category		Class 5 = flexible
Number of strands per conductor		7
Strand diameter	mm	2.5
Conductor resistance at 20 °C	Ohm/km	
Number of cores		7
Number of stranding elements		0
Screen over stranding element		None
Stranding element		No

Screen over stranding			None
Material core insulation			Other
Specification core insulation			Other
Core identification according to HD 308 S2			No
Core identification			Colour
With protective conductor			Yes
Drain wire			No
Suspension element			None
Material outer sheath			Other
Specification material outer sheath			Other
Colour outer sheath			Black
Screen			No
Cable geometry			Flat
Protective barrier			Other
Torsion resistant			No
Armouring/reinforcement			
Material armouring			
Flame retardant according to IEC 60332-1-2			No
Flame retardant according to IEC 60332-3-21 (Cat A F/R)			No
Flame retardant according to IEC 60332-3-22 (Cat A)			No
Flame retardant according to IEC 60332-3-23 (Cat B)			No
Flame retardant according to IEC 60332-3-24 (Cat C)			No
Flame retardant according to IEC 60332-3-25 (Cat D)			No
Low smoke according to EN IEC 61034-2			No
Halogen free according to EN IEC 60754-1			No
Halogen free according to EN IEC 60754-2			No
Halogen free according to EN IEC 60754-3			No
Reaction-to-fire according to EN 13501-6: Class			None
Reaction-to-fire according to EN 13501-6: Smoke production			None
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles			None
Reaction-to-fire according to EN 13501-6: Acidity			None
Oil resistant according to EN IEC 60811-404			No
Low temperature resistant according to EN 60811-504+505+506			No
Number of pilot/reduced conductors			0
Nominal cross section pilot/reduced conductors		mm ²	
Nominal cross section pilot/reduced conductors (AWG)			
Cable width approx.		mm	50
Cable height approx.		mm	6
Outer diameter approx.		mm	0
Min. permitted bending radius, moving application with forced guidance		mm	0
Min. permitted bending radius, moving application/free movement		mm	0
Min. permitted bending radius, stationary application/permanent installation		mm	0
Permitted cable outer temperature during assembling/handling		°C	-10 - 55
Permitted cable outer temperature after assembling without vibration		°C	-10 - 55
Nominal voltage U0		V	480
Nominal voltage U		V	480
Shape of conductor			Round
Max. tensile strength during installation		kN	
Max. conductor temperature		°C	
Weight		kg/km	