

Flat cable, 7x4qmm, halogen free

**Part no.** RA-C1-7X4HF  
230860

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	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
Flame retardant	Self-extinguishing
Product category	Power supply
Shape	Round
Permissible ambient temperature - min	-5 °C
Permissible ambient temperature - max	55 °C
Voltage rating	750 V AC
Outer diameter - approximate	0 mm
Outer sheath material	Ethylen-Vinylacetat-Copolymer (EVA) mixture (according to DIN VDE 0282)
Permitted bending radius, moving application with free movement - min	0 mm

## Technical data ETIM 8.0

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@ss10.0.1-27-06-01-06 [AGE896001])		
Conductor material		Copper
Conductor surface		Bare
AWG size		0
Nominal cross section conductor (AWG)	kcmil	14
Nominal cross section conductor	mm <sup>2</sup>	2.5
Conductor category		Class 5 = flexible
Conductor resistance at 20 °C	Ohm/km	
Number of cores		7
Stranding element		No
Material core insulation		Other
Specification core insulation		Other
Core identification according to HD 308 S2		No
Core identification		Colour
With protective conductor		Yes

Screen over stranding element			None
Screen over stranding			None
Suspension element			None
Material outer sheath			Other
Specification material outer sheath			Other
Colour outer sheath			Black
Cable geometry			Flat
Torsion resistant			No
Reaction-to-fire class according to EN 13501-6			None
Smoke development class according to EN 13501-6			None
Euro class flaming droplets/particles according to EN 13501-6			None
Euro class acidity according to EN 13501-6			None
Halogen free (according to EN 60754-1/2)			Yes
Flame retardant			Other
Low smoke (according to EN 61034-2)			No
Low temperature resistant (according to EN 60811-504+505+506)			No
Oil resistant (according to EN 60811-404)			No
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
Weight		kg/km	