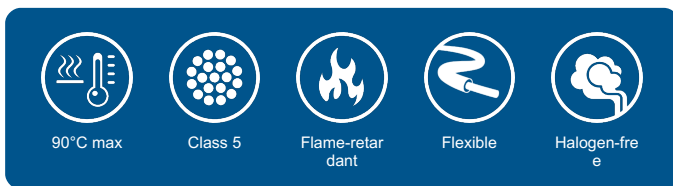




## AMOSOFT



AmoSoft is an extra flexible double insulated single core cable. Specially designed for use in industrial applications where extreme flexibility is needed. Suitable for use in short-circuit-proof installations, such as distribution panels and switching devices. AMOsoft and its rare flexibility is one of the easiest products to work with.

## STANDARDS

**Conductor**  
IEC 60228 Class 5

**Halogen free**  
IEC 60754-1  
IEC 60754-2

**Construction**  
IEC 60502-1 (IAP)

**Flame retardant**  
IEC 60332-1-2

## APPROVAL



## CONSTRUCTION

**Color**  
Black (or customer's choice)

## CONSTRUCTION

**Insulation**  
TPE

**Outer sheath**  
TPE FR

**Bending radius - Minimum**  
4 xOD

**Labeling example**  
AMOsft 1x[size]mm<sup>2</sup> 0,6/1kV CE yy/ww

## PROPERTIES

**CPR class**  
Eca

**Max temperature**  
90 °C

**Min. temperature**  
-40 °C

**AC Voltage rating U<sub>0</sub>/U (U<sub>m</sub>)**  
0,6/1 (1,2)kv

## INSTALLATION METHODS

In air  
Indoor



Name	Cross section [mm <sup>2</sup> ]	Outer diameter [mm]	Installation Current in open air, ambient temperature 30°C [A]	Total weight [kg/km]	Max resistance of conductor @20°C [Ω/km]
AmoSoft 1X10	10	8.8	98	145	1.91
AmoSoft 1X16	16	9.8	132	200	1.21
AmoSoft 1X25	25	11	176	300	0.78
AmoSoft 1X35	35	12.3	218	400	0.554
AmoSoft 1X50	50	14.3	276	540	0.386
AmoSoft 1X70	70	16.8	347	760	0.272
AmoSoft 1X95	95	19.3	416	1020	0.206
AmoSoft 1X120	120	20.9	488	1210	0.161
AmoSoft 1X150	150	23.4	566	1550	0.129
AmoSoft 1X185	185	25.7	644	1820	0.106
AmoSoft 1X240	240	29.7	775	2410	0.0801
AmoSoft 1X300	300	32.7	898	2980	0.0641
AmoSoft 1X400	400	36.8	1026	4040	0.0486

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