

Power cable < 1 kV, for fixed installations Trioflex MS



Application	: Flexible hook-up wire with UL, CSA, HAR and BS approval* for use in junction boxes, apparatus and machinery.
TECHNICAL DATA	: TYPE MS
Standards	: UL 758, CSA C22.2 no. 210, HD 21.7 S2, BS6231 type CK, EN 50525-2-31, EN 60332-1 / IEC60332-1.VW-1 AND FTP according to UL 2556, CPR according to EN 50575
Remarks	: *HAR only for 0,5 up to 35 mm². CSA: only for 0,5 up to 120 mm². BS: only for 0,5 up to 240 mm² UL for all types: 0,5 up to 300 mm². Max. service temp 90 °C acc. EN & BS. 105°C acc. UL & CSA UL 758, 0,5 – 6 QMM acc. Style 1015, 10 QMM style 1028, 16 – 35 QMM style 1283, 50 – 400 QMM style 1284. Bendingradius: min. 5 x outer diameter.
Number of cores	: 1
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Core insulation material	: Polyvinyl chloride (PVC)
Core identification	: Colour
Protective conductor	: No
Flame retardant	: In accordance with EN 60332-1-2
Screen	: No
Drain wire	: No
Suspension element	: None
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Protective barrier	: None
Oil resistant (acc. EN 60811-404)	: No
Lead sheath	: No
Armouring/reinforcement	: None
Material outer sheath	: Polyvinyl chloride (PVC)
Permitted cable outer temperature after assembling without vibration	: -40°C to 105°C
Halogen free (acc. EN 60754-1/2)	: No
Nominal voltage U	: 1000V
Low smoke (acc. BS EN 61034-2)	: No
Insulation integrity	: No
Nominal voltage U ₀	: 600V
Reaction-to-fire class according to EN 13501-6	: Eca
Shape of conductor	: Round



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Conductor surface	: Bare
Twisted cores	: No
Specification core insulation	: Other
	: No
Specification material outer sheath	: Other
	: Round
Circuit integrity	: None
	: No
	: Yes
	: No
	: No
	: No



ProductNr	Dimension	Core colour	Max. conductor temperature (°C)	Colour outer sheath	Outer diameter approx. (mm)
1301001	1 x 0.5	Black	70	Black	2.5
1301002	1 x 0.5	Blue	70	Blue	2.5
1301003	1 x 0.5	Brown	70	Brown	2.5
1301009	1 x 0.5	Dark blue	70	Other	2.5
1301011	1 x 0.5	Green	70	Green	2.5
1301005	1 x 0.5	Green/yellow	70	Other	2.5
1301004	1 x 0.5	Grey	70	Grey	2.5
1301013	1 x 0.5	Orange	70	Orange	2.5
1301006	1 x 0.5	Pink	70	Other	2.5
1301012	1 x 0.5	Purple/violet	70	Other	2.5
1301007	1 x 0.5	Red	70	Red	2.5
1301014	1 x 0.5	Several	70	Other	2.5
1301008	1 x 0.5	White	70	White	2.5
1301010	1 x 0.5	Yellow	70	Yellow	2.5
1301021	1 x 0.75	Black	70	Black	2.7
1301026	1 x 0.75	Blue	70	Blue	2.7
1301027	1 x 0.75	Brown	70	Brown	2.7
1301033	1 x 0.75	Dark blue	70	Other	2.8
1301024	1 x 0.75	Green	70	Green	2.7
1301032	1 x 0.75	Green/yellow	70	Other	2.7
1301029	1 x 0.75	Grey	70	Grey	2.7
1301028	1 x 0.75	Orange	70	Orange	2.7
1301031	1 x 0.75	Pink	70	Other	2.8
1301030	1 x 0.75	Purple/violet	70	Other	2.7
1301023	1 x 0.75	Red	70	Red	2.7
1301034	1 x 0.75	Several	70	Other	2.8
1301022	1 x 0.75	White	70	White	2.7
1301025	1 x 0.75	Yellow	70	Yellow	2.8
1301041	1 x 1	Black	70	Black	2.8
1301043	1 x 1	Blue	70	Blue	2.8
1301047	1 x 1	Brown	70	Brown	2.8
1301053	1 x 1	Dark blue	70	Other	2.8
1302053	1 x 1	Dark blue	70	Other	2.9
1301044	1 x 1	Green	70	Green	2.8
1301052	1 x 1	Green/yellow	70	Other	2.8
1301050	1 x 1	Grey	70	Grey	2.8
1301048	1 x 1	Orange	70	Orange	2.8
1301051	1 x 1	Purple/violet	70	Other	2.8
1301042	1 x 1	Red	70	Red	2.8
1301054	1 x 1	Several	70	Other	2.8
1301055	1 x 1	Several	70	Other	2.8
1301045	1 x 1	White	70	White	2.8
1301056	1 x 1	Yellow	70	Yellow	2.8



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ProductNr	Dimension	Core colour	Max. conductor temperature (°C)	Colour outer sheath	Outer diameter approx. (mm)
1301061	1 x 1.5	Black	70	Black	3
1301067	1 x 1.5	Blue	70	Blue	3
1301068	1 x 1.5	Brown	70	Brown	3
1301073	1 x 1.5	Dark blue	70	Other	3.3
1301075	1 x 1.5	Green	70	Green	3.2
1301072	1 x 1.5	Green/yellow	70	Other	3
1301069	1 x 1.5	Grey	70	Grey	3
1301062	1 x 1.5	Orange	70	Orange	3
1301065	1 x 1.5	Purple/violet	70	Other	3
1301064	1 x 1.5	Red	70	Red	3
1301074	1 x 1.5	Several	70	Other	3.2
1301063	1 x 1.5	White	70	White	3
1301076	1 x 1.5	Yellow	70	Yellow	3.2
1301081	1 x 2.5	Black	70	Black	3.5
1301087	1 x 2.5	Blue	70	Blue	3.5
1301083	1 x 2.5	Brown	70	Brown	3.5
1301091	1 x 2.5	Dark blue	70	Other	3.7
1301088	1 x 2.5	Green	70	Green	3.5
1301092	1 x 2.5	Green/yellow	70	Other	3.5
1301089	1 x 2.5	Grey	70	Grey	3.5
1301082	1 x 2.5	Orange	70	White	3.5
1301080	1 x 2.5	Pink	70	Other	3.5
1301079	1 x 2.5	Purple/violet	70	Other	3.5
1301084	1 x 2.5	Red	70	Red	3.5
1301090	1 x 2.5	Several	70	Other	3.7
1301086	1 x 2.5	White	70	White	3.5
1301085	1 x 2.5	Yellow	70	Yellow	3.5
1301101	1 x 4	Black	70	Black	4
1301099	1 x 4	Blue	70	Blue	4
1301095	1 x 4	Brown	70	Brown	4
1301102	1 x 4	Dark blue	70	Other	4.3
1301104	1 x 4	Green/yellow	70	Other	4
1301093	1 x 4	Grey	70	Grey	4
1301094	1 x 4	Orange	70	Orange	4
1301096	1 x 4	Red	70	Red	4
1301097	1 x 4	White	70	White	4
1301098	1 x 4	Yellow	70	Yellow	4



ProductNr	Dimension	Core colour	Max. conductor temperature (°C)	Colour outer sheath	Outer diameter approx. (mm)
1301105	1 x 6	Black	70	Black	4.6
1301111	1 x 6	Blue	70	Blue	4.6
1301112	1 x 6	Brown	70	Brown	4.6
1301114	1 x 6	Dark blue	70	Other	4.6
1301107	1 x 6	Green	70	Green	4.6
1301116	1 x 6	Green/yellow	70	Other	4.6
1301113	1 x 6	Grey	70	Grey	4.6
1301110	1 x 6	Orange	70	Orange	4.6
1301106	1 x 6	Purple/violet	70	Other	4.6
1301108	1 x 6	Red	70	Red	4.6
1301115	1 x 6	Several	70	Other	4.6
1301109	1 x 6	White	70	White	4.6
1301117	1 x 10	Black	70	Black	6.3
1301123	1 x 10	Blue	70	Blue	6.3
1301127	1 x 10	Brown	70	Brown	6.3
1301124	1 x 10	Dark blue	70	Other	6.3
1301128	1 x 10	Green/yellow	70	Other	6.3
1301122	1 x 10	Grey	70	Grey	6.3
1301120	1 x 10	Red	70	Red	6.3
1301119	1 x 10	White	70	White	6.3
1301129	1 x 16	Black	70	Black	8
1301135	1 x 16	Blue	70	Blue	8
1301130	1 x 16	Dark blue	70	Other	8
1301140	1 x 16	Green/yellow	70	Other	8
1301137	1 x 16	Grey	70	Grey	8
1301131	1 x 16	Red	70	Red	8
1301132	1 x 16	White	70	White	8
1301141	1 x 25	Black	70	Black	9.4
1301143	1 x 25	Blue	70	Blue	9.4
1301152	1 x 25	Green/yellow	70	Other	9.4
1301153	1 x 35	Black	70	Black	10.5
1301154	1 x 35	Green/yellow	70	Other	10.5
1301155	1 x 35	Red	70	Red	10.5
1301161	1 x 50	Black	70	Black	13.1
1301160	1 x 50	Green/yellow	70	Other	13.1
1301162	1 x 70	Black	70	Black	14.5
1301163	1 x 70	Green/yellow	70	Other	14.5



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ProductNr	Dimension	Core colour	Max. conductor temperature (°C)	Colour outer sheath	Outer diameter approx. (mm)
1301164	1 x 95	Black	90	Black	16.1
1301165	1 x 95	Green/yellow	70	Other	16.1
1301166	1 x 120	Black	70	Black	17.8
1301167	1 x 120	Green/yellow	70	Other	17.8
1301168	1 x 150	Black	70	Black	20.2
1301210	1 x 185	Black	70	Black	21.9
1301211	1 x 240	Black	70	Black	24.3