

Leitungen nach ausländischen Normen / Cables according to foreign standards

FROR

Flexible PVC insulated cable with PVC sheath, suited for control fire retardant emittius, emitting a low quantity of corrosive gas.
Flexible PVC insulated cable with PVC sheath, suited for control fire retardant emittius, emitting a low quantity of corrosive gas.



Verwendung:

Due to it's fire retardant characteristics insulation grade 3 (rated voltage 450/750), this cable is suitable for fixed or mobile connections in places where the risk of explosion or fire is high, in compliance with the Italian Norm CEI 64-2. It is advisable to use this cable in public show and entertainment areas (fair stands, exhibitions, theatres etc) and in civil buildings (banks, offices, collective dwellings, schools, handcraft laboratories, shops, hospitals, clinics, hotels etc). Direct laying under plaster or underground is not admitted, even if protected.

[INDEX:20201001SQ]

Aufbau:

- Conductor: Flexible cord in plain copper
- Insulation: PVC Insulation in TI2 quality
- Sheath: PVC sheath in TM2 quality
- Max strain in static duty conditions: 1,5Kg/mm2. Flame and fire retardant. Low emission of halogenidric acids. RoHS 2011/65/UE
- Flexible conductor, class 5 copper made
- Not fibrous and not hygroscopic
- Standards: IMQ-CPT-007 CEI 20-20/1 CEI 20-22 II CEI EN 60332-1-2 CEI EN 50267-2-1

Technische Daten:

Leiter Werkstoff	
Leiterklasse	Klasse 5 (HD 383)
Aderisolationwerkstoff	PVC, TI2 quality
Aderkennung	Multicores: black with numbers and Y/G
Verseilung	
Außenmantelwerkstoff	Thermoplastic polyvinyl chloride compound type TM2. Protective sheath of cables usually used for mobile connections, even in wet enviroments and for fire-retardant cables.
Mantelfarbe	Light grey RAL 7035
Nennspannung [V]	300 / 500; 450 / 750
Prüfspannung [V]	2000
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-10°C bis +70
Betriebstemp. bew. min/mac [C]	-5°C bis +70
Temperatur am Leiter max.	+70°C; +160°C
Brandverhalten	
Normen	

Application:

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Technical Data:

Conductor Material	*
Conductor class	Class 5 (HD 383)
core insulation	PVC, TI2 quality
core identification	Multicores: black with numbers and Y/G
stranding	*
outer sheath	Thermoplastic polyvinyl chloride compound type TM2. Protective sheath of cables usually used for mobile connections, even in wet enviroments and for fire-retardant cables.
sheath colour	Light grey RAL 7035
rated voltage [V]	300 / 500; 450 / 750
testing voltage [V]	2000
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	*
min. bending radius moved [xd]	*
working temp fixed min/max [C]	-10°C up to +70
working temp moved min/mac [C]	-5°C up to +70
temp at conductor max.	+70°C; +160°C
burning behaviour	*
Approvals	*

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
	2 x 1	8.70	0.00	7.40
	2 x 1.50	9.20	0.00	8.90
	2 x 2.50	11.20	0.00	13.40
	2 x 4	12.50	0.00	17.80
	2 x 6	13.90	0.00	24.20
	3 x 1	9.10	0.00	8.80
	3 x 1.50	9.80	0.00	10.80
	3 x 2.50	11.90	0.00	16.30
	3 x 4	13.50	0.00	22.70
	3 x 6	14.90	0.00	30.50
	4 x 1	9.90	0.00	10.50
	4 x 1.50	10.90	0.00	13.30
	4 x 2.50	12.90	0.00	20.00
	4 x 4	14.70	0.00	27.80
	4 x 6	16.30	0.00	37.50
	5 x 1	11.10	0.00	13.50
	5 x 1.50	12.00	0.00	16.70
	5 x 2.50	14.30	0.00	25.20
	5 x 4	16.30	0.00	35.10
	5 x 6	18.00	0.00	47.60
	7 x 1	11.10	0.00	16.30
	7 x 1.50	13.10	0.00	21.70
	7 x 2.50	13.70	0.00	33.50
	10 x 1	14.30	0.00	23.00
	10 x 1.50	16.70	0.00	30.90
	10 x 2.50	16.80	0.00	45.90
	12 x 1	14.80	0.00	26.90
	12 x 1.50	17.50	0.00	37.00
	12 x 2.50	18.00	0.00	54.90
	14 x 1	15.10	0.00	34.60
	14 x 1.50	17.20	0.00	46.60
	14 x 2.50	20.30	0.00	67.90
	16 x 1	16.50	0.00	39.00
	16 x 1.50	19.40	0.00	52.50
	16 x 2.50	21.50	0.00	76.50
	19 x 1	17.70	0.00	45.00

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
	19 x 1.50	20.50	0.00	59.50
	19 x 2.50	22.60	0.00	87.30
	24 x 1	20.70	0.00	55.90
	24 x 1.50	24.30	0.00	75.30
	24 x 2.50	26.60	0.00	100.20
	27 x 1	21.40	0.00	61.70
	27 x 1.50	25.00	0.00	82.00
	27 x 2.50	27.20	0.00	120.50

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