

FXQJ EMC PURE 0,6/1 kV SCREENED INSTALLATION CABLE HALOGEN FREE



CONSTRUCTION

Conductor	Solid or stranded copper conductor, round or sector shaped acc. to IEC/EN 60228 class 1. and 2.
Insulation	PEX
Core colour	3-core: brown, black, grey 4-core: brown, black, grey, blue
Screen	1,5-2,5mm ² has a concentric conductor of aluminium tape with bi-conductor. ≥ 4mm ² has copper foil with overlap and copper screen.
Inner sheath	Halogen free compound
Outer sheath	Halogen free compound, UV-resistant Black and meter marked

STANDARD / DIREKTIV

Standard	HD 604-5D, IEC 60502-1 N1ZC7Z1-U (R-S), N1ZA5Z1-U
Direktive	CE-marked acc. to LVD Adheres to RoHS and REACH-directives
CPR	CPR class: Cca-S1d1a1 (2,5 – 10 mm ²) CPR class: Dca-s2d2a2
DoP nr.	See table
DoP søgeside	https://dk.prysmiangroup.com/DOP

APPLICATION

Halogen-free, fire-retardant and self-extinguishing installation cable with low smoke development. Copper screen is 100% covering with low coupling impedance that complies with the EMC directive. For fixed installation indoors and outdoors, in pipes, trays, soil, canals, concrete and water as well as in control boxes. Suitable for being plowed under.

TEKNISKE DATA

Rated voltage	0,6/1 kV
Test voltage	4000 V
Temperature	Max. core temperature +90°C Short circuit temperature +250°C Lowest temp. at installation -20°C.
Bending radius	Fixed installation: 8 x D During installation: 12 x D During plowing: 8 x D

MATERIALEKRAV / EGENSKAB

Self-extinguishing	IEC 60332-1
Fire retardant	IEC 60332-3
Halogen free	IEC 60754-1 & 2
Smoke density	IEC 61034
EMC	IEC/EN 6100
Current load	Acc. to. SB 2001:6 – very good heat dissipation conditions

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Conductor Cross-section mm ²	Outer Diameter mm	Weight kg/km	Length Drum/m	Max. Current load A	DOP No.	EAN-No.
2 x 2,5 ER /2,5	12,8	253	T1000	32	1003352	6430010757238
2 x 4 ER/4	12,4	260	T500	42	1003352	6430010757245
2 x 6 ER/6	13,3	332	T500	54	1003352	6430010757252
2 x 10 FR/10	17,2	560	T500	75	1003352	6430065751373
2 x 16 FR/16	21,0	618	T500	100	1003352	6430065751380
3 x 2,5 ER/2,5	12,5	241	T500	32	1003352	6430010757269
3 x 4 ER/4	12,9	297	T500	42	1003352	6430010757276
3 x 6 ER/6	14,0	391	T500	54	1003352	6430010757283
3 x 10 FR/10	18,0	652	T500	75	1003352	6430065751465
3 x 16 FR/16	21,0	820	T500	100	1000193	7330384719605
3 x 25 FR/16	22,7	1064	T500	127	1000194	7330384719612
3 x 35 FR/16	25,0	1342	T500	158	1000195	7330384719629
3 x 50 FV/25	26,5	1795	T500	192	1000207	7330384719636
3 x 70 FV/35	29,7	2473	T500	246	1000208	7330384719643
3 x 95 FV/50	33,9	3382	T500	298	1000209	7330384719650
3 x 120 FV/70	37,1	4250	T500	346	1000210	7330384719667
3 x 150 FV/70	40,3	5112	T500	399	1000211	7330384719674
3 x 185 FV/95	45,8	6419	T500	456	1000212	7330384719681
3 x 240 FV/120	49,9	8353	T500	538	1000213	7330384719698
4 x 2,5 ER/2,5	12,6	274	T500	32	1003352	6430010757290
4 x 4 ER/4	13,9	349	T500	42	1003352	6430010757306
4 x 6 ER/6	15,0	461	T500	54	1003352	6430010757313
4 x 10 ER/10	19,4	774	T500	75	1003352	6410006020058

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Conductor Cross-section mm ²	Outer diameter mm	Weight Kg/km	Length Drum/m	Max. Current load A	DOP No.	EAN-No.
4 x 16 FR/16	21,9	959	T500	100	1000196	7330384719704
4 x 25 FR/16	24,6	1326	T500	127	1000197	7330384719711
4 x 35 FR/16	27,2	1698	T500	158	1000198	7330384719728
4 x 50 FV/25	29,5	2270	T500	192	1000214	7330384719735
4 x 70 FV/35	33,2	3140	T500	246	1000215	7330384719742
4 x 95 FV/50	37,9	4296	T500	298	1000216	7330384719766
4 x 120 FV/70	41,7	5377	T500	346	1000217	7330384719773
4 x 150 FV/70	45,3	6518	T500	399	1000218	7330384719780
4 x 185 FV/95	51,7	8196	T500	456	1000219	7330384719797
4 x 240 FV/120	56,2	10661	T500	538	1000220	7330384719803

ER = single stranded conductor round
FR = multi stranded conductor round
FV = Multi stranded conductor sector shaped