

ACCORDING TO VDE 0482(TEST REPORT NUMBER F025/R:13)

Cable Type : JE-H(St)H FE 180 E90

P.N : 401501

Date : 05.03.2023

EXPERIMENT DONE	STANDARTS	MEASURED VALUES
Conductor Diameter 1,5 mm²	1,35 mm	1,35 mm
Conductor Diameter 0,8 mm	0,8 mm	0,801
Insulation Material	Silicon	Silicon
Vessel Colors	VDE0815	OK
Insulation Wall Thickness	0,45 mm	0,45
Insulation Diameter 1,5 mm²	2,20 mm $\pm$ 0,05	2,23 mm
Insulation Diameter 0,8 mm	1,70 mm $\pm$ 0,05	1,75 mm
Bending Structure	group twist	OK
Protective Winding	Polyester ve glass-fibre % 100	OK
Drain Wire	0,80 mm or 0,40 mm Tinned copper	OK
Aluminium foil	% 100	OK
Outer Sheath Material	HFFR	HFFR
Outer Sheath Thickness	Average : 1,00 mm	1,05 mm
Conductor Resistance 1,5 mm²	Max : 12,10 Ω /km	11,8
Conductor Resistance 0,8 mm	Max : 36,60 Ω /km	33
Capacity	Max : 100 nF/km	90
Insulation Resistance	DC 500 V Min. 100 M Ω km	1000
Voltage Resistance	AC 800 V 1 min.	OK
Tensile Strength of Insulation	Min : 5,0 N/mm ² Min : % 125	9 200
Elongation at break of insulation	Min : 9,0 N/mm ² Min : % 125	13 200
Flame Retardent	IEC 60332-3-24, EN 60332-3-24, VDE 0482-332-3-24	OK
Halogen Acid Gas Test	IEC 60754-1, EN 50267-2-1, VDE 0482-267-2-1	OK
Acidic (Corrosive) Gas Test	IEC 60754-2, EN 50267-2-2, VDE 0482-267-2-2	OK
Smoke Density Test	IEC 61034-2, EN 61034-2, VDE 0482-1034-2	OK
Insulation continuity Test (FE)	IEC 60331-23, VDE 472 part 814	180 Minute OK
Circuit Integrity With Shock (PH)	EN 50200, VDE 0482-200	120 Minute OK
Circuit Integrity E90	DIN 4102-12	90 Minute OK
Elongation at break	Marking will be the same as the label	Ok.
Marking Length	There won't be torn and holes	Ok.

Prepared by : Kamile Taşkın / Quality&Control Rep.

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