TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.

افشارنژاد

Power Cable 1 x 400 (N)YY

P.V.C - insulated & Sheathed,Single-Core Cable Conductor Type NYY, 0.6/1 KV ACC(INSO 3569-1)

Cable Layer Construction	CU , PVC , PVC	LV
Applicable Standard(s)	IEC 60502-1 & INSO 3569-1 & IEC 60228 & DIN VDE 0271	

Description			Unit	Specification
CONDUCTOR	CU	Material	****	Plain Annealed Copper
		TYPE	****	Stranded (Class 2) RM
		No.of core & Conductor Area	no (mm²)	1 x 400
		No & Dia of Wire	no (mm)	61 x 2.81
		Shape	****	ROUND
INSULATION	PVC	Material	****	Extruded PVC
		Thickness	mm	2.6
		Colour	****	Black
Outer Sheath	PVC	Material	****	Extruded PVC
		Thickness	mm	2.1
		Colour	****	Black
Overall diameter (Approx.)			mm	34.7
Cable Weight (Approx.)			Kg / km	4,035
Packing			****	Drum
Rated Voltage Uo/U (Um)			KV	0.6 / 1 (1.2)
System Frequency			Hz	50
DC conductor resistant At 20 °C			Ω/ Km	0.047
Condoctor Short Circuit Current (1 Sec)			KA	39.5
Test voltage			KV	4
Max.Short circuit withstand current temperature			°C	+ 160
OPeration temperature			°C	- 30 to +70
Special Proerties			Flame Retardant	IEC 60332-1-2

(افشارنژاد) KHORASAN ELECTRIC IND.CO INSO 3569-1 6932568916 0.6 / 1KV NYY 1x400 mm2 RM MADE IN IRAN CE

CU	Copper	PET	Polyester Tape	CWC+CT	Concentric Copper Wire Conductor+Copper Tape
TiCu	Tinned Copper	Al-PET	Aluminum Polyester Tape	CWS+CT	Concentric Copper Wire Screen+Copper Tape
MGT	Mica Glass Tape	CU-PET	Copper Polyester Tape	SWA	Steel Wire Armour
PVC	Polyvinyl Chloride	TDW	Tinned Drain Wire	SWB	Steel Wire Braid
PE	Polyethylene	CWB	Copper Wire Braid	DTA	Double Tape Armour
XLPE	Cross Linked Polyethylene	TCWB	Tinned Copper Wire Braid	LSPVC	Low Smoke PVC
SR	Silicone Rubber	OSCR	Overall Screen	LSFOH	Low Smoke Free Of Halogen

Shafiei