Cuadro Generaldde

Mando y Proteccion

LINEAS DE AUTOMATIZACION

EQUIPO DE MEDIDA

DERIVACION INDIVIDUAL: 2(3x95/50)mm2Cu

Unipolares E.B.Tubo D=140 mm 40 m.

Designada en U.N.E. RV 0.6/1 KV

INTERRUPTOR GENERAL AUTOMATICO: 630 A,IV

Termico regulable (reg. 520 A.; PdeC:22 kA; Curvas B

I.MAG.IV 32 A PdeC:22 kA — I.DIF.IV 40A,30 mA — 4x6mm2Cu — RV:0.6/1 kV — 0,3 m

I.MAG.IV 20 A PdeC:22 kA — I.DIF.IV 25A,30mA — 4x6mm2Cu — RV:0.6/1 kV — 0,3 m

I.MAG.IV 32 A PdeC:22 kA — I.DIF.IV 40A,30 mA — 4x6mm2Cu — RV:0.6/1 kV — 0,3 m

I.DIF.II 25A, 30mA — I.MAG.II 15 A — I.DIF.IV 40A,30 mA — 4x6+TTx6mm2Cu — H07RN-F — 4x6+TTx6mm2Cu — H07RN-F — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

I.DIF.III 25A, 30mA — I.MAG.III 15 A — I.MAG.III 15 A — 220V 24V — 5 A — I.MAG.III 5 A — 3x1x1,5 — MANIOBRA — 3x1x1,5 — SEÑALIZACION — 220V 24V — I.MAG.II 10 A — 2x2x1,5 — 2x2x1,5 T — ELEVTOR VALVULA A — 2x2x1,5 T — 2x2x1,5 T — ELEVTOR VALVULA A

I.MAG.III 25 A PdeC:22 kA Curvas B,C,D — Cont. 16 A,II — R.Term. 10-6-12 A — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBEO AGUA BRUTA — 9000W/50 m/1.16%

I.MAG.III 25 A PdeC:22 kA Curvas B,C,D — Cont. 16 A,II — R.Term. 10-6-12 A — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBEO AGUA BRUTA — 9000W/50 m/1.16%

I.MAG.III 25 A PdeC:22 kA Curvas B,C,D — Cont. 16 A,II — R.Term. 10-6-12 A — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBEO AGUA BRUTA — 9000W/50 m/1.16%

I.Autom.III In=250 A PdeC:22 kA Curvas B,C — Cont. 120 A,II — R.Term. 92-0 A — 3x95+TTx16mm2Cu — Unip. A.R.Tubo D=90 mm — RV:0.6/1 kV — 3x95+TTx16mm2Cu — Unip. A.R.Tubo D=90 mm — RV:0.6/1 kV

SOPLANTES TRATBIO — 73600W/10 m/0.98%

I.MAG.III 25 A PdeC:22 kA Curvas B,C — Cont. 16 A,II — R.Term. 10-6-12 A — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBA RECIRC FANGO — 9200W/40 m/1.60%

I.MAG.III 25 A PdeC:22 kA Curvas B,C — Cont. 16 A,II — R.Term. 7,2-9 A — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBA FANGO DESHID — 5520W/40 m/1.22%

I.MAG.III 25 A PdeC:22 kA Curvas B,C — Cont. 9 A,II — R.Term. 7,2-9 A — 3x10+TTx10mm2Cu — Unip. A.R.Tubo D=90 mm — RV:0.6/1 kV — 3x10+TTx10mm2Cu — Unip. A.R.Tubo D=90 mm — RV:0.6/1 kV

CUADRO ADS.ORG.CLOR — 7360W/10 m/1.11%

I.MAG.III 25 A PdeC:22 kA Curvas B,C — Cont. 16 A,II — R.Term. 10-6-12 A — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBA DE DRENAJE — 9200W/75 m/4.9%

I.MAG.IV 20 A PdeC:22 kA Curvas B,C,D — I.DIF.IV 40A,30 mA — MCCAP/OU — 4x10+neOu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV — 1 m

I.Autom.IV In=100 A Inreg=63 A Rele y transf. Dif.:30 mA PdeC:22 kA Curvas B,C,D — CENTRIFU — 4x16+neOu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV — 2 m

I.MAG.IV 20 A PdeC:22 kA Curvas B,C,D — I.DIF.IV 40A,30 mA — TOLVA — 4x16+neOu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — 2 m

I.MAG.IV 20 A PdeC:22 kA Curvas B,C,D — I.DIF.IV 40A,30 mA — GIRESION — 4x6+neOu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — 40 m

I.MAG.IV 25 A PdeC:22 kA Curvas B,C — I.DIF.IV 40A,30 mA — E.EBUAP — 4x6+neOu — RV:0.6/1 kV — 1 m

I.MAG.IV 25 A PdeC:22 kA Curvas B,C — I.DIF.IV 40A,30 mA — E.CON.PBOL — 3x16S.16+neOu — RV:0.6/1 kV — 1 m

I.MAG.IV 25 A PdeC:22 kA Curvas B,C — I.DIF.IV 40A,30 mA — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — 1 m

BOMBEO TANQUE TORMENTAS — 9000W/10 m/1.21%

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BOMBEO TANQUE TORMENTAS — 9000W/10 m/1.21%

I.MAG.III 15 A PdeC:10 kA Curvas B,C — Cont. 25 A,II — R.Term. 16-20 A — 2x4+TTx4mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBA FANGO EXCES — 1324.8W/40m/0.79%

I.MAG.III 15 A PdeC:10 kA Curvas B,C — Cont. 25 A,II — R.Term. 16-20 A — 2x4+TTx4mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

AGITADOR F.O.EDARS — 2208W/30m/0.82%

I.MAG.III 15 A PdeC:10 kA Curvas B,C — Cont. 25 A,II — R.Term. 16-20 A — 2x4+TTx4mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBA FANGO EXCES — 1324.8W/40m/0.79%

I.MAG.III 15 A PdeC:10 kA Curvas B,C — Cont. 25 A,II — R.Term. 16-20 A — 2x4+TTx4mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBEO VAGADOS — 2944W/40m/0.95%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 25 A,II — R.Term. 16-20 A — 2x4+TTx4mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

E.SPESADOR GRAVEDAD — 736W/25m/0.7%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 25 A,II — R.Term. 16-20 A — 2x4+TTx4mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

BOMBEO FANGO A DES — 2208W/40m/0.88%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 25 A,II — R.Term. 16-20 A — 4x16+TTx16mm2Cu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV

COMPRESOR SERVICIO — 7360W/25m/0.76%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 25 A,II — R.Term. 16-20 A — 4x16+TTx16mm2Cu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV

VENTILADOR DE SHER — 2574W/15m/0.67%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 25 A,II — R.Term. 16-20 A — 4x16+TTx16mm2Cu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV

VENTILADOR DE SHER — 2574W/15m/0.67%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 25 A,II — R.Term. 16-20 A — 2x4+TTx4mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

POLIPASTO SLEVAC — 920W/50 m/0.78%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 25 A,II — R.Term. 16-20 A — 2x4+TTx4mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

CUCHARA BIVALVA — 2723.2W/50m/1.01%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 10 A,II — 1.9-25 A — 2x10+TTx10mm2Cu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV

PRETRATAMIENTO COMPACTO — 10000 W/70 m/2.46%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 25 A,II — R.Term. 16-20 A — 2x10+TTx10mm2Cu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV

VENTILADOR CABINAS — 250.24W/20m/0.69%

I.MAG.III 15 A PdeC:10 kA Curvas B,C,D — Cont. 25 A,II — R.Term. 16-20 A — 2x10+TTx10mm2Cu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV

VENT.CABINAS S.BIO — 736W/10m/0.7%

I.MAG.III 15 A PdeC:10 kA Curvas B,C — Cont. 25 A,II — R.Term. 16-20 A — 4x6+TTx6mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

AGITADOR TRAT.BIO — 4048W/65 m/1.33%

I.MAG.III 15 A PdeC:10 kA Curvas B,C — Cont. 25 A,II — R.Term. 16-20 A — 2x4+TTx4mm2Cu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV

DECANTADORES 2º — 736W/65m/0.77%

I.MAG.III 15 A PdeC:10 kA Curvas B,C — Cont. 25 A,II — R.Term. 16-20 A — 4x25+TTx25mm2Cu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV

BOMBA DOSIF.HIPOCLOR. — 1.9E.72W/10m/0.66%

Cuadro de Mando y Proteccion MODULPOLI

I.MAG.IV 20 A PdeC:3 kA

I.MAG.III 15 A PdeC:3 kA Curvas B,C,D — Cont. 2,5 A,II — R.Term. 1,6-20 A — 3x2,5+TTx2,5mm2Cu — Unip. A.R. Tubo D=40 mm — RV:0.6/1 kV

MÓDULO POLI — 736W/3m/0.76%

BOMBA POLI — 368W/3m/0.75%

Cuadro de Mando y Proteccion CENTRIFU

I.Autom.IV In=100 A Inreg=63 A PdeC:4.5 kA Curvas B,C — I.Autom.III In=320 A PdeC:4.5 kA Curvas B,C — Cont. 5,0 A,II — R.Term. 4,0-50 A — 3x25+TTx6mm2Cu — Unip. A.R. Tubo D=90 mm — RV:0.6/1 kV

CENTRÍFUGAS — 2944W/3m/1.25%

Cuadro de Mando y Proteccion TOLVA

I.MAG.IV 20 A PdeC:3 kA — I.MAG.III 15 A PdeC:3 kA Curvas B,C,D — Cont. 2,5 A,II — R.Term. 1,6-20 A — 3x2,5+TTx2,5mm2Cu — Unip. A.R. Tubo D=40 mm — RV:0.6/1 kV

COMPUERTA TOL.VA.E. — 1.472W/5m/0.79%

Cuadro de Mando y Proteccion GIRESION

I.MAG.IV 20 A PdeC:3 kA — I.MAG.III 15 A PdeC:3 kA Curvas B,C — Cont. 2,5 A,II — R.Term. 1,6-20 A — 3x2,5+TTx2,5mm2Cu — Unip. A.R. Tubo D=40 mm — RV:0.6/1 kV

GRUPO DE FIRESION — 4048W/3m/1.48%

Cuadro de Mando y Proteccion EDESHID

I.MAG.IV 25 A PdeC:3 kA — I.MAG.II 15 A PdeC:3 kA Curvas B,C — 2x4+TTx4mm2Cu — Unip. A.Alea — 750 V.PVC — Alumbrado Interior — 1.396W/3m/2.24%

I.MAG.IV 25 A PdeC:3 kA — I.MAG.II 20 A PdeC:3 kA Curvas B,C — 4x6+neOu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — Alumbrado Exterior — 3.500W/127m/1.87%

I.MAG.II 20 A PdeC:3 kA Curvas B,C — 2x4+TTx4mm2Cu — Unip. E.Rígido D=13 mm — 750 V.PVC — Tomas Corriente I — 3.500W/30m/2.64%

Cuadro de Mando y Proteccion E.CONTROL

I.MAG.IV 25 A PdeC:3 kA — I.MAG.II 15 A PdeC:3 kA Curvas B,C — 2x4+TTx4mm2Cu — Unip. A.Alea — 750 V.PVC — Alumbrado Interior — 1.396W/3m/1.08%

I.MAG.IV 25 A PdeC:3 kA — I.MAG.II 20 A PdeC:3 kA Curvas B,C — 4x6+neOu — Unip. E.B.Tubo D=90 mm — RV:0.6/1 kV — Alumbrado Exterior — 3.500W/125m/2.71%

I.MAG.II 20 A PdeC:3 kA Curvas B,C — 2x4+TTx4mm2Cu — Unip. E.Rígido D=13 mm — 750 V.PVC — Tomas Corriente I — 3.500W/30m/3.68%

TÍTULO DEL PROYECTO: PROYECTO MODIFICADO Nº1 "E.D.A.R.es EL CASAR, MESONES, TORREJÓN DEL REY-GALÁPAGOS, VALDEAVERUELO Y VALDENUÑO-FERNÁNDEZ" E.D.A.R. TORREJÓN DEL REY-GALÁPAGOS	LOCALIDAD: "TORREJÓN DEL REY" GUADALAJARA	FECHA: MARZO-2010 Nº DE EXPEDIENTE: ACLM/01/0B/016/07	ESCALA: S/E	DIRECTOR DEL PROYECTO: Fdo: D.ENRIQUE CANO CANCELA I.C.C.P. COLEG. Nº 13432	ADMINISTRACION: Aguas de Castilla-La Mancha	CONTRATISTA: chm CONSTRUCTOR	ASISTENCIA TÉCNICA: Fdo: D.JAVIER MARTÍNEZ CAÑAMARES I.C.C.P. COLEG. Nº 23825	TÍTULO DEL PLANO: ESQUEMA UNIFILAR	NÚMERO DE PLANO: 57 HOJA: 1 DE 1