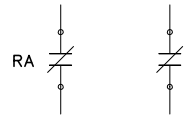
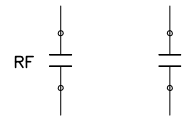
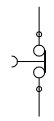
FUNCIONAL



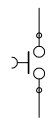
CONTATO NF (RA – RETARDO DE ABERTURA)



CONTATO NA (RF – RETARDO DE FECHAMENTO)



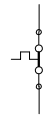
BOTOEIRA NF (COM RETORNO AUTOMÁTICO)



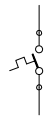
BOTOEIRA NA (COM RETORNO AUTOMÁTICO)

CHAVE DE FIM–DE–CURSO NF

CHAVE DE FIM–DE–CURSO NA



TERMOSTATO NF



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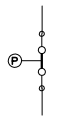
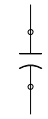


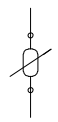
PRESSOSTATO NF



CAPACITOR

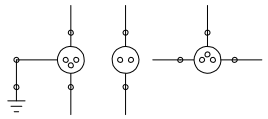
INDUTOR

RESISTOR

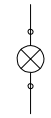


RESISTOR VARIÁVEL

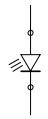
RESISTOR DE AQUECIMENTO



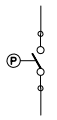
TOMADA BIPOLAR MAIS ATERRAMENTO ,
TOMADA BIPOLAR E TOMADA TRIPOLAR



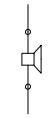
LÂMPADA INCANDESCENTE



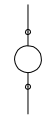
FOTODIODO (LED)



PRESSOSTATO NA

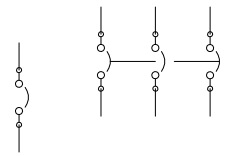


ALARME ACÚSTICO

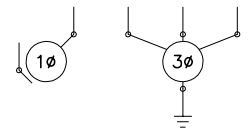


BOBINA DE RELÉ

FUSÍVEL



DISJUNTOR TERMOMAGNÉTICO MONOPOLAR E
DISJUNTOR TERMOMAGNÉTICO TRIPOLAR

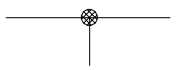


MOTOR MONOFÁSICO E MOTOR TRIFÁSICO

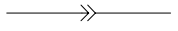
TERMINAL DE EQUIPAMENTO OU INSTRUMENTO

BORNE DE EQUIPAMENTO EXTERNO

BORNE DE PAINEL DE COMANDO



CONEXÃO PARAFUSADA
EM BARRA DE COBRE



INDICAÇÃO DE EXTRAIBILIDADE

INDICAÇÃO DE CONTINUIDADE

ATERRAMENTO

POLO DE BLOCO DE TESTE: CIRCUITOS DE
CONTROLE

LUIZ PIAZZA	LUIZ PIAZZA	REVISÃO GERAL	01	MAR/2020
LUIZ PIAZZA	LUIZ PIAZZA	EMISSÃO INICIAL	00	DEZ/2019
DESENHO	PROJETO	MODIFICAÇÃO	REV.	DATA
DMAE/ENG°/ARQ° FISCAL DE OBRA		ENG. ELET. ADRIANO ROQUE DE ARRUDA		
EMPRESA/ENG°/ARQ° RESP. EXECUÇÃO		Eng° ELET. LUIZ EDUARDO PIAZZA	CREA RS	069.970–D

Prefeitura Municipal de Porto Alegre
DEPARTAMENTO MUNICIPAL DE ÁGUA E ESGOTO

IDMAE

Diretoria de Gestão e Desenvolvimento

SE PONTA DO ARADO 69/13,8 kV–10/12,5 MVA

PROJETO ELÉTRICO

LEGENDA PARA ESQUEMA FUNCIONAL

ECOLUX Engenharia Elétrica
RUA LADISLAU NETO
N° 504 – PORTO ALEGRE/RS
ecolux@ecolux-rs.com.br

FICHA DO PROJETO/CÓDIGO DA OBRA:	DESENHO
4600	LUIZ PIAZZA

ESCALA	DATA	PRANCHA
SEM ESCALA	DEZ/19	20/68

ENG/ARQ. FISCAL DE PROJETO DO DMAE
ENG° ADRIANO ROQUE DE ARRUDA

GERÊNCIA DE PROJETOS E OBRAS – GEPO
ENG. MARCO A. GIL FACCIN

GERÊNCIA DE PLANEJAMENTO – GPLA
ENG. AIRANA R. DO CANTO

CÓDIGO DO PROJETO/PROCESSO
SE69 900 2E 020