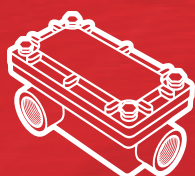


MELFEX

**Equipamentos Elétricos para
Atmosferas Explosivas**
e de uso Industrial





ILUMINAÇÃO INDUSTRIAL

PROJETOR LED MXPEK1



MXPEK1NA
Ex eb mb IIC T4 Gb
Ex tb IIIC T100 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC

MXPEK1FC
Ex eb mb IIC T4 Gb
Ex mb tb IIIC T100 °C Db



PROJETOR LED MXPEK2



MXPEK2NA
Ex nR IIC T5 Gc
Ex tb IIIC T100 °C Db
Zonas 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC

MXPEK2FC
Ex mb nR IIC T5 Gc
Ex mb tb IIIC T135 °C Db



LUMINÁRIA LED MXDFW1

Ex eb mb IIC T4 Gb
Ex tb IIIC T135 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



LUMINÁRIA LED MXDFW2

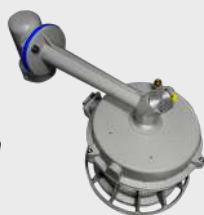
Ex nR IIC T4 Gc
Ex tb IIIC T135 °C Db
Zonas 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



SUPORTES MXDFW DISPONÍVEIS:



SUPORE P/
POSTE 30°



SUPORE P/
POSTE 90°



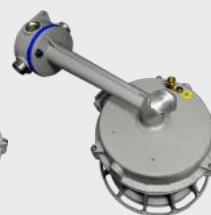
PLAFONIER



PENDENTE



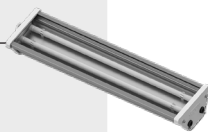
ARANDELA 30°



ARANDELA 90°

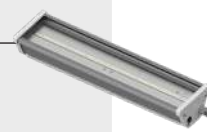
LUMINÁRIA LINEAR MXCAN1218410

Ex ec IIC T4 Gc
Ex tb op is IIIC T135 °C Db
Zonas 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



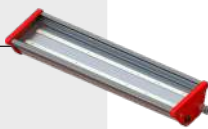
LUMINÁRIA LINEAR LED MXCAN1026210

Ex ec IIC T4 Gc
Ex tb op is IIIC T135 °C Db
Zonas 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



LUMINÁRIA DE EMERGÊNCIA LED MXCAN2009210

Ex ec IIC T4 Gc
Ex tb op is IIIC T135 °C Db
Zonas 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



LUMINÁRIA SINALIZAÇÃO DE EMERGÊNCIA LED MXCAN4009310SE12

Ex ec IIC T4 Gc
Ex tb op is IIIC T135 °C Db
Zonas 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



BLOCO AUTÔNOMO DE EMERGÊNCIA MXPA1491B105

Ex db IIB+H2 T6 Gb
Ex tb op is IIIC T85 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB+H2, IIIA, IIIB, IIIC



BLOCO AUTÔNOMO DE EMERGÊNCIA MXPA1491B202

Ex db IIB+H2 T6 Gb
Ex tb op is IIIC T85 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB+H2, IIIA, IIIB, IIIC



SISTEMA DE EMERGÊNCIA AUTÔNOMA MXBAE

Ex tb op is IIIC T85 °C Db
Zonas 21 e 22
Grupos IIIA, IIIB, IIIC



LANTERNA PORTÁTIL MXW91

Ex db IIB T6 Gb
Ex tb IIIC T85 °C Db



LUMINÁRIA DE SINALIZAÇÃO MXW15G GIROLED

Ex db op is IIC T6 Gb
Ex op is tb IIIC T80 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



SINALIZAÇÃO SONORO E VISUAL MXWSV

Ex db IIC T5 Gb
Ex tb IIIC T100 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



LUMINÁRIA MXW1

Ex db op is IIC T* Gb
Ex op is tb IIIC T* °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



LUMINÁRIA PORTÁTIL MXW731

Ex db op is IIC T5 Gb
Ex op is tb IIIC T95 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



LUMINÁRIA PORTÁTIL MXFCO

Ex db op is IIB T6 Gb
Ex tb op is IIIC T85 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB e IIIA, IIIB, IIIC



SIRENE ELETRÔNICA SRE

Ex db IIC Gb T5
Ex tb IIIC Db T100 °C
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



SISTEMA DE ILUMINAÇÃO DE EMERGÊNCIA MIBAE



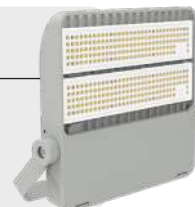
BLOCO AUTÔNOMO DE EMERGÊNCIA LED MIPA1492B702PW

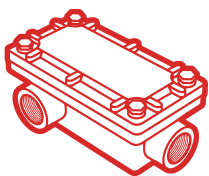


LUMINÁRIA INDUSTRIAL HIGH BAY MIUFO



PROJETOR INDUSTRIAL TGVP MIEPK





CAIXAS E CONDULETES

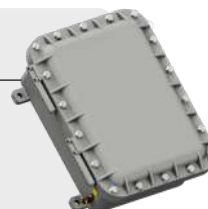
CONDULETE / CAIXA DE PASSAGEM MXCA15

Ex db IIB+H₂ Gb
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB+H₂ e IIIA, IIIB, IIIC



INVÓLUCRO VAZIO TIPO "U" MXCA14

Ex db IIB+H₂ Gb
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB+H₂ e IIIA, IIIB, IIIC



CAIXA DE LIGAÇÃO SEGURANÇA AUMENTADA MXPE14

Ex eb IIC T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



CAIXA DE PASSAGEM REDONDA MXCA10

Ex db IIB Gb (NPT ou Métrica)
Zonas 1 e 2- Grupos IIA, IIB
Ex eb IIC Gb (NPT, BSP ou Métrica)
Zonas 1 e 2- Grupos IIA, IIB, IIC
Ex tb IIIC Db (NPT, BSP ou Métrica)
Zonas 21 e 22- Grupos IIA, IIB, IIIC



CAIXA DE LIGAÇÃO COM BORNE MXCA71

Ex db IIB T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB e IIIA, IIIB, IIIC



CAIXA DE LIGAÇÃO COM BORNE MXCE81

Ex eb IIC T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



CONDULETE INDUSTRIAL MICA15



CONDULETE INOX MICA13



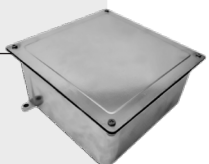
CAIXA REDONDA COM BORNES MICA71



CAIXA REDONDA INDUSTRIAL MICA10



CAIXA DE PASSAGEM COM TAMPA REVERSÍVEL MICA11



CAIXA À PROVA DE TEMPO MICA14





PAINÉIS E COMANDOS

PAINEL ELÉTRICO

MXPA14

Ex db IIB+H₂ T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB+H₂ e IIIA, IIIB, IIIC



SISTEMA DE MONITORAMENTO

ATERRAMENTO

MXPA1472

Ex db IIB+H₂ T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB+H₂ e IIIA, IIB e IIIC



ALARME MARTELINHO

MXPA1480A002N

Ex db IIB+H₂ T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB+H₂ e IIIA, IIIB, IIIC



CHAVE COMUTADORA

MXPA1480C102N

Ex db IIB+H₂ T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB+H₂ e IIIA, IIIB, IIIC



BOTOEIRA EMERGÊNCIA

MXPA1480C301N

Ex db IIB+H₂ T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB+H₂ e IIIA, IIIB, IIIC



BOTOEIRA LIGA DESLIGA

MXPA1480C205N

Ex db IIB+H₂ T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB+H₂ e IIIA, IIIB, IIIC



PAINEL ELÉTRICO SEGURANÇA AUMENTADA

MXPE14

Ex eb IIC T6 Gb
Ex tb IIIC T85 °C Db
Ex ec IIC T* Gb
Ex tb IIIC T* Db
Zonas 1, 2 e 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



BOTOEIRAS DE COMANDO E SINALIZAÇÃO INOX

MXBOT02

Ex db eb IIC T6 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



BOTOEIRAS DE COMANDO E SINALIZAÇÃO POLIÉSTER

MXBOT03

Ex db eb IIC T6 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



BOTOEIRAS DE COMANDO E SINALIZAÇÃO POLIÉSTER

MXBOT03 PEDESTAL

Ex db eb IIC T6 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



BOTOEIRAS DE COMANDO E SINALIZAÇÃO POLIÉSTER

MXBOT05

Ex db eb IIC T6 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



PARTIDA DIRETA DE MOTOR

MXPA1475

Ex db IIB+H₂ T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB+H₂, IIC e IIIA, IIIB, IIIC



BOTOEIRA DE EMERGÊNCIA

MIPA1480A



BOTOEIRA LIGA DESLIGA

MIPA1480C205





CONEXÕES E ACESSÓRIOS

UNIDADE SELADORA MXUS

Ex db IIC Gb
Zonas 1 e 2
Grupos IIA, IIB, IIC



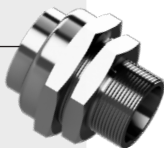
ELETRODUTO FLEXÍVEL METÁLICO MXTF

Ex db IIC Gb (Aço Inoxidável)
Ex db IIB+H₂ Gb (Latão)
Ex eb IIC Gb (Aço Inoxidável)
Ex eb IIB+H₂ Gb (Latão)
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB+H₂, IIC e IIIA, IIIB, IIIC



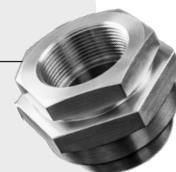
UNIÃO MACHO FÊMEA MXUM

Ex db IIB+H₂ Gb
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB+H₂, IIC e
IIIA, IIIB, IIIC



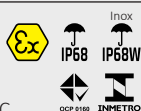
UNIÃO FÊMEA FÊMEA MXUF

Ex db IIB+H₂ Gb
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB+H₂, IIC e
IIIA, IIIB, IIIC



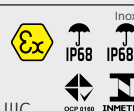
PRENSA CABOS A2F MXA2F

Ex db IIC Gb
Ex eb IIC Gb
Ex ta IIIC Da
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



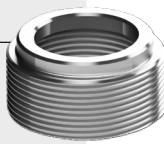
PRENSA CABOS UNIÃO GIRATÓRIA MXA2FUG

Ex db IIC Gb
Ex eb IIC Gb
Ex ta IIIC Da
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



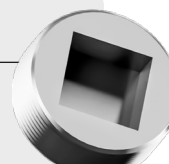
BUCHA DE REDUÇÃO MXBR

Ex db IIC Gb
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB e IIIC



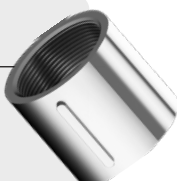
PLUGUE COM REBAIXO MXPR

Ex db IIC Gb
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



LUVA PARALELA MXLP

Ex db IIC Gb
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



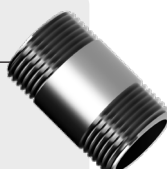
LUVA DE REDUÇÃO MXLR

Ex db IIC Gb
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



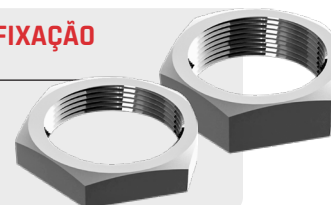
NIPLE CURTO / LONGO MXNC / MXNL

Ex db IIC Gb
Ex tb IIIC Db
Zonas 1 e 2, 21 e 22
Grupos IIA, IIB, IIC e IIIA, IIIB e IIIC



ARRUELA / BUCHA DE FIXAÇÃO MIAF - MIBF

LINHA INDUSTRIAL



ABRAÇADEIRA UNHA E BASE MIAU - MIAB

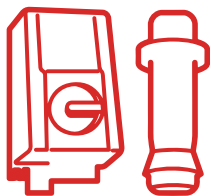
LINHA INDUSTRIAL



GRAMPO TIPO "U" PESADO MIGP

LINHA INDUSTRIAL





TOMADAS E PLUGUES

UNIDADE MÓVEL DE TOMADAS MXUMT (LADO TOMADA)

Ex db eb IIC T6/T5/T4 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



UNIDADE MÓVEL DE TOMADAS MXUMT (LADO PAINEL)

Ex db IIB+H₂ T6 Gb
Ex tb IIIC T85 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB e IIIA, IIIB, IIIC



TOMADA 16A MXTP

Ex db eb IIC T6/T5 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



PLUGUE 16A MXTP

Ex db eb IIC T6/T5 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



CORES PELA NORMA:

VIOLETA 20 A 25V

BRANCO 40 A 50V

AMARELO 100 A 130V

AZUL 200 A 250V

VERMELHO 380 A 480V

PRETO 500 A 690V

TOMADA 32A MXTP

Ex db eb IIC T5/T4 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



PLUGUE 32A MXTP

Ex db eb IIC T5/T4 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



TOMADA 63A MXTP

Ex db eb IIC T5 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



PLUGUE 63A MXTP10

Ex db eb IIC T5 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



TOMADA 125A MXTP

Ex db eb IIC T4 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



PLUGUE 125A MXTP

Ex db eb IIC T4 Gb
Ex tb IIIC T80 °C Db
Zonas 1, 2 e 21, 22
Grupos IIA, IIB, IIC e IIIA, IIIB, IIIC



CORES PELA NORMA:

AZUL 200 A 250V

VERMELHO 380 A 480V

PRETO 500 A 690V