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FINAL APPROVAL	FC	10/07/23

CONTRÔLEUR DE POMPE À INCENDIE ÉLECTRIQUE

MODÈLE: VPA / VPS

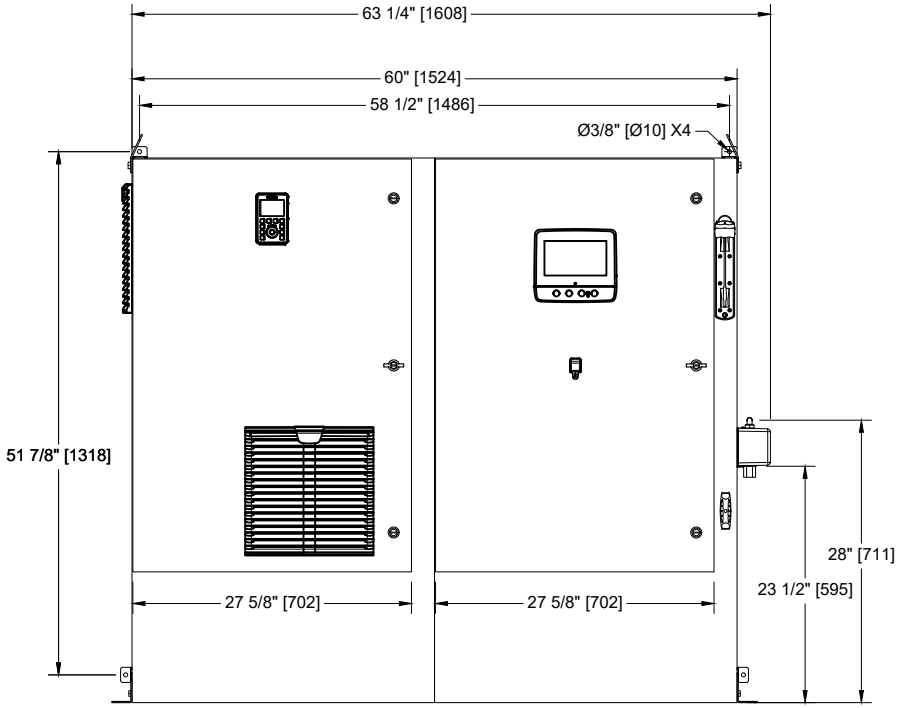
CONSTRUIT SELON LA DERNIÈRE ÉDITION DU STANDARD NFPA 20 & NFPA70

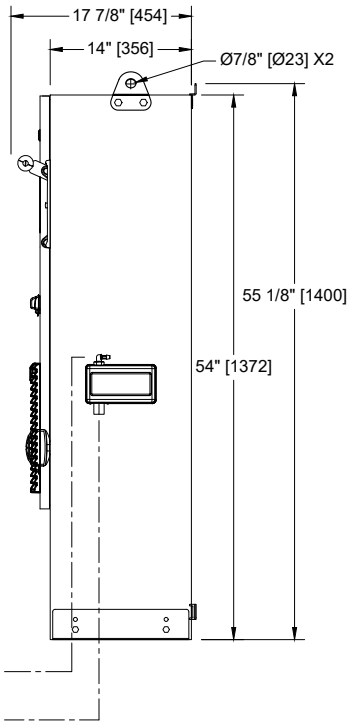
PROJECTION DE TROISIÈME ANGLE

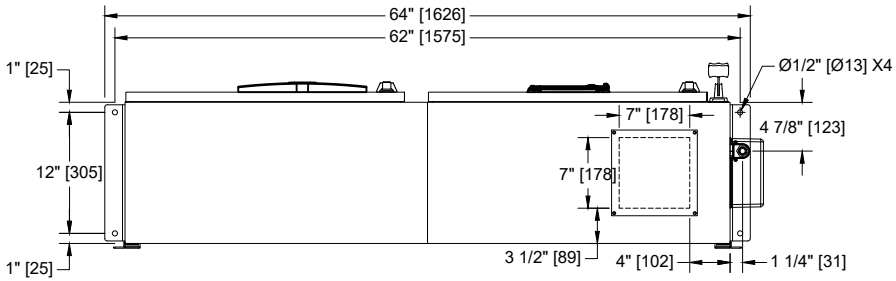
DRAWING NUMBER VPX-DI802 /F

DWG REV. 0

SHEET 1 OF 1







Tension / Table des Puissances		
Tension	Min HP	Max HP
200 - 240	10	30
380 - 400 - 415	10	40
440 - 480	15	50
600	5	60

Notes:

- Standard: NEMA 12
- Peinture standard: texture rouge RAL 3002.
- Toutes les dimensions sont en pouces [millimètres].
- Centre de l'écran: 29-5/8" [751] à partir du bas (sans pieds).
- Il est recommendé de passer les câbles à travers l'entrée de la plaque de dessous.
- Utiliser des raccords électriques étanches.
- Protéger contre les copeaux pendant le perçage.
- L'ouverture de la porte équivaut à sa largeur.

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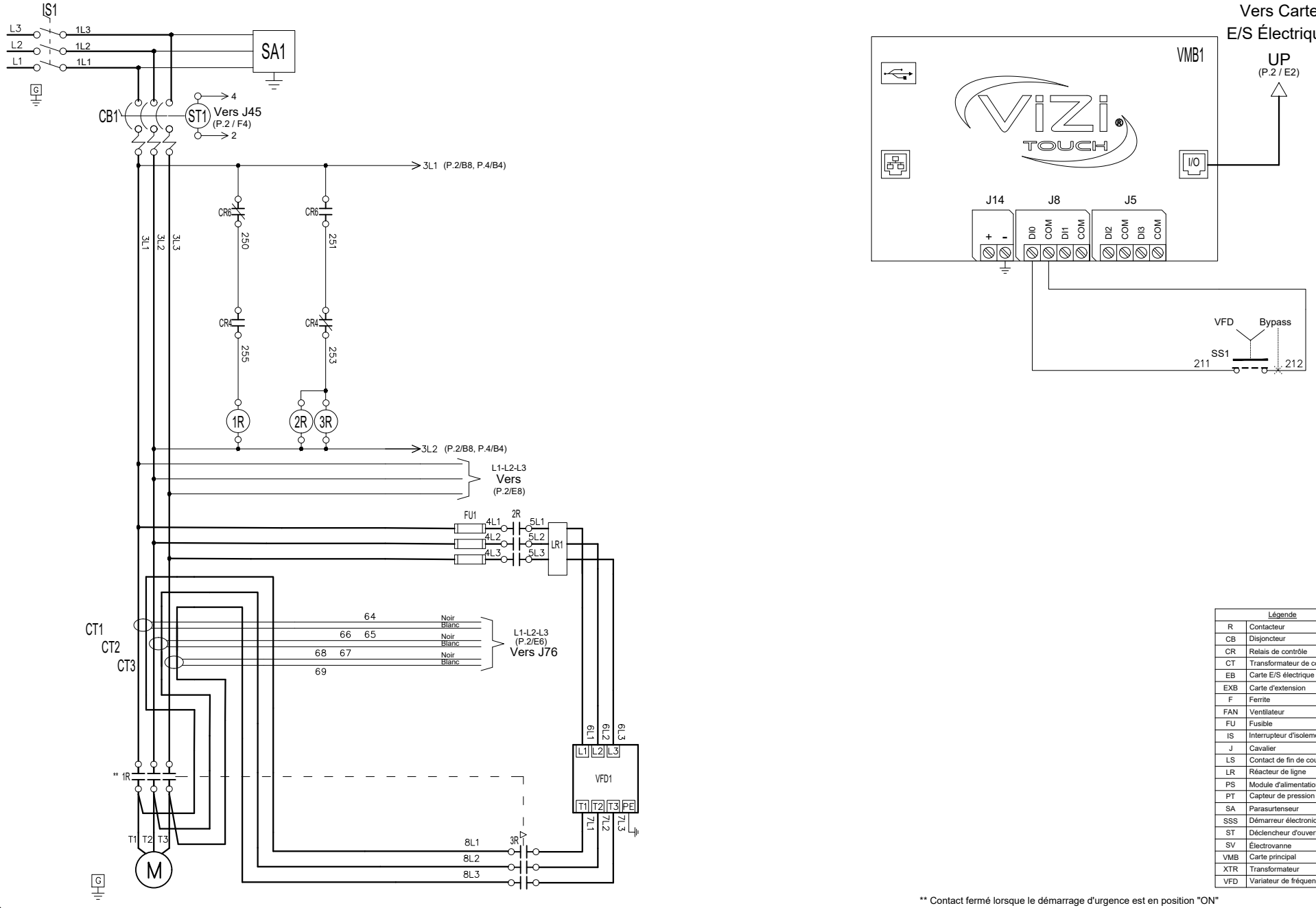
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CONTRÔLEUR DE POMPE À INCENDIE ÉLECTRIQUE VITESSE VARIABLE / BYPASS DÉMARRAGE PAR PLEIN SERVICE

MODÈLE: VPA

CONSTRUIT SELON LA DERNIÈRE ÉDITION DU STANDARD NFPA 20 & NFPA70

DRAWING NUMBER VPA-WS800 /F
DWG REV. 0
SHEET 1 OF 4



Légende	
R	Contacteur
CB	Disjoncteur
CR	Relais de contrôle
CT	Transformateur de courant
EB	Carte E/S électrique
EXB	Carte d'extension
F	Ferrite
FAN	Ventilateur
FU	Fusible
IS	Interrupteur d'isolement
J	Cavalier
LS	Contact de fin de course
LR	Réacteur de ligne
PS	Module d'alimentation
PT	Capteur de pression
SA	Parasurtenseur
SSS	Démarreur électronique
ST	Déclencheur d'ouverture
SV	Électrovanne
VMB	Carte principal
XTR	Transformateur
VFD	Variateur de fréquence

** Contact fermé lorsque le démarrage d'urgence est en position "ON"

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CONTRÔLEUR DE POMPE À INCENDIE ÉLECTRIQUE VITESSE VARIABLE / BYPASS DÉMARRAGE PAR PLEIN SERVICE

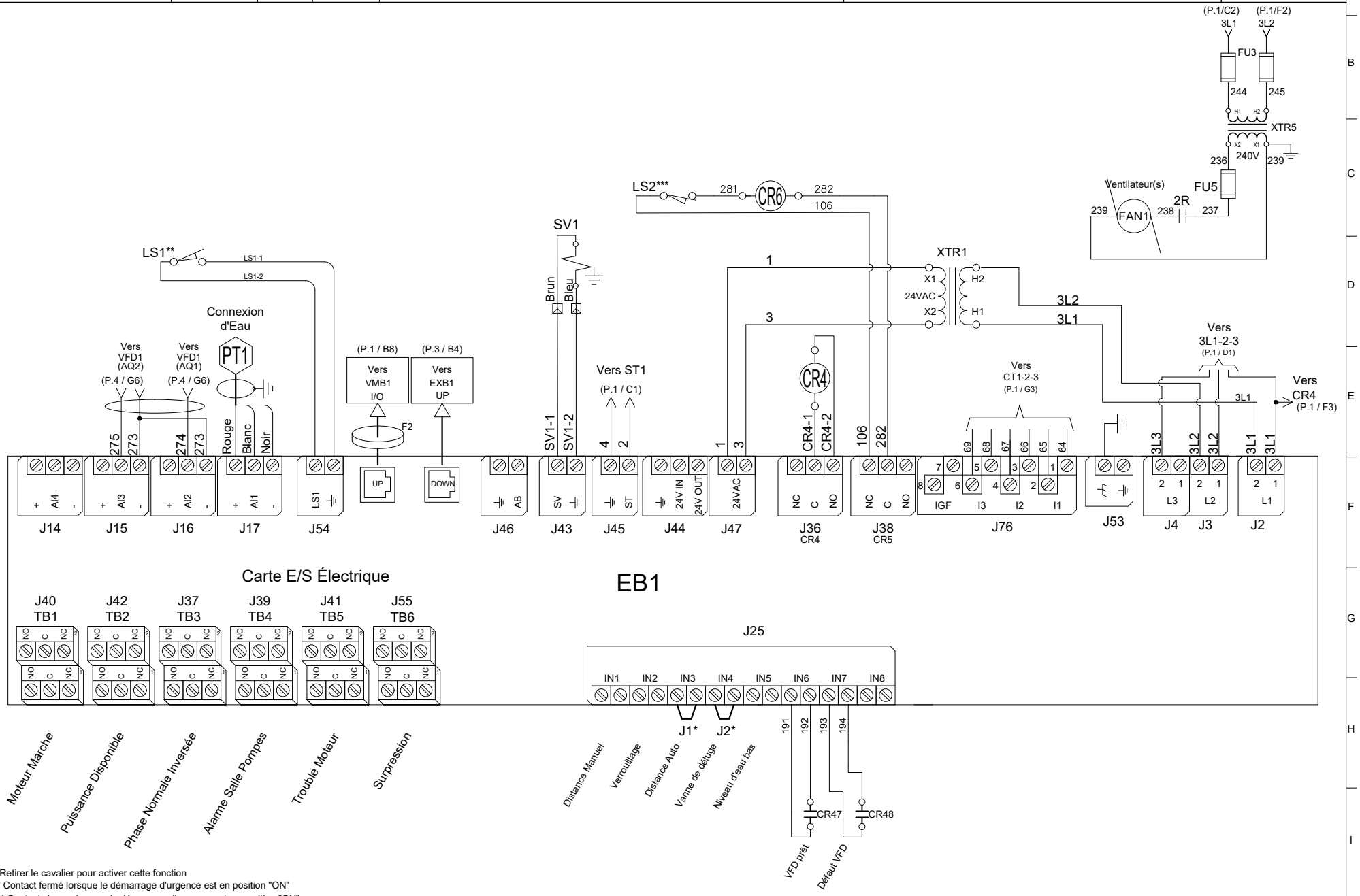
MODÈLE: VPA

CONSTRUIT SELON LA DERNIÈRE ÉDITION DU STANDARD NFPA 20 & NFPA70

DRAWING NUMBER VPA-WS800 /F

DWG REV. 0

SHEET 2 OF 4



* Retirer le cavalier pour activer cette fonction

** Contact fermé lorsque le démarrage d'urgence est en position "ON"

*** Contact s'ouvre lorsque le démarrage d'urgence est en position "ON"

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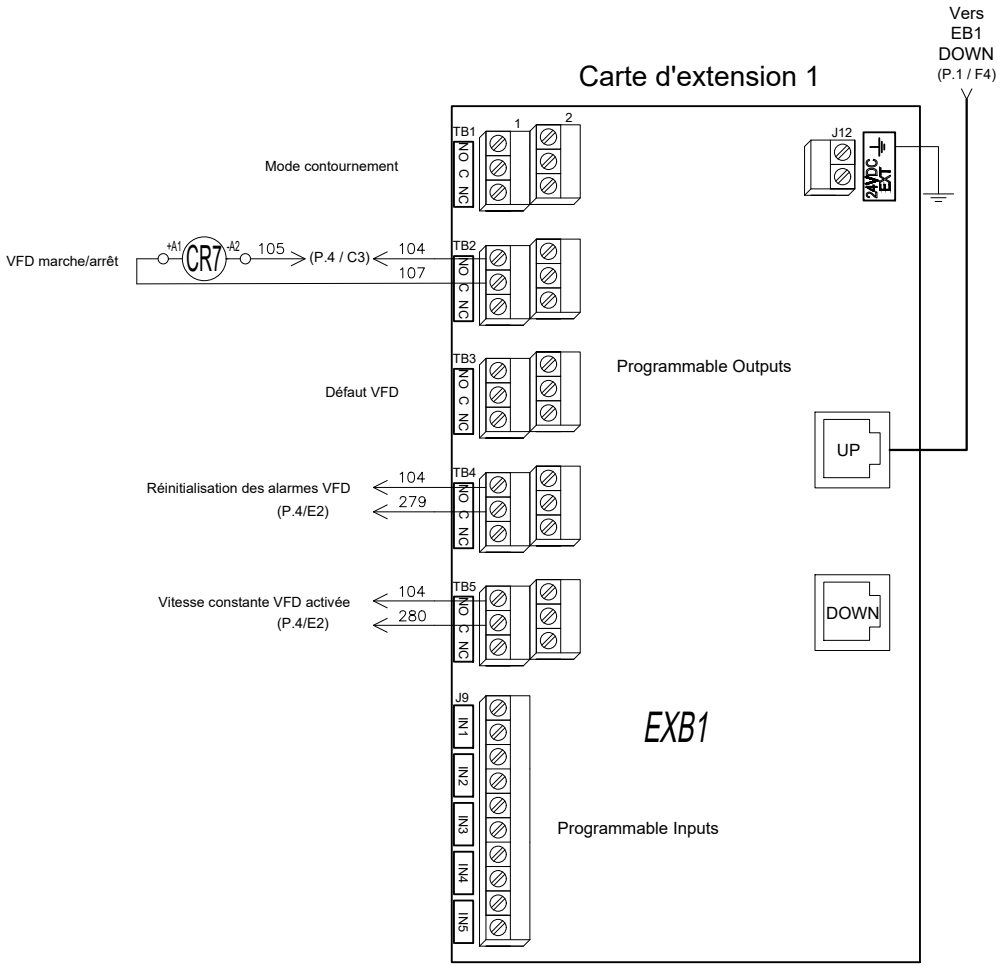
MODÈLE: VPA

CONSTRUIT SELON LA DERNIÈRE ÉDITION DU STANDARD NFPA 20 & NFPA70

DRAWING NUMBER VPA-WS800 /F

DWG REV. 0

SHEET 3 OF 4



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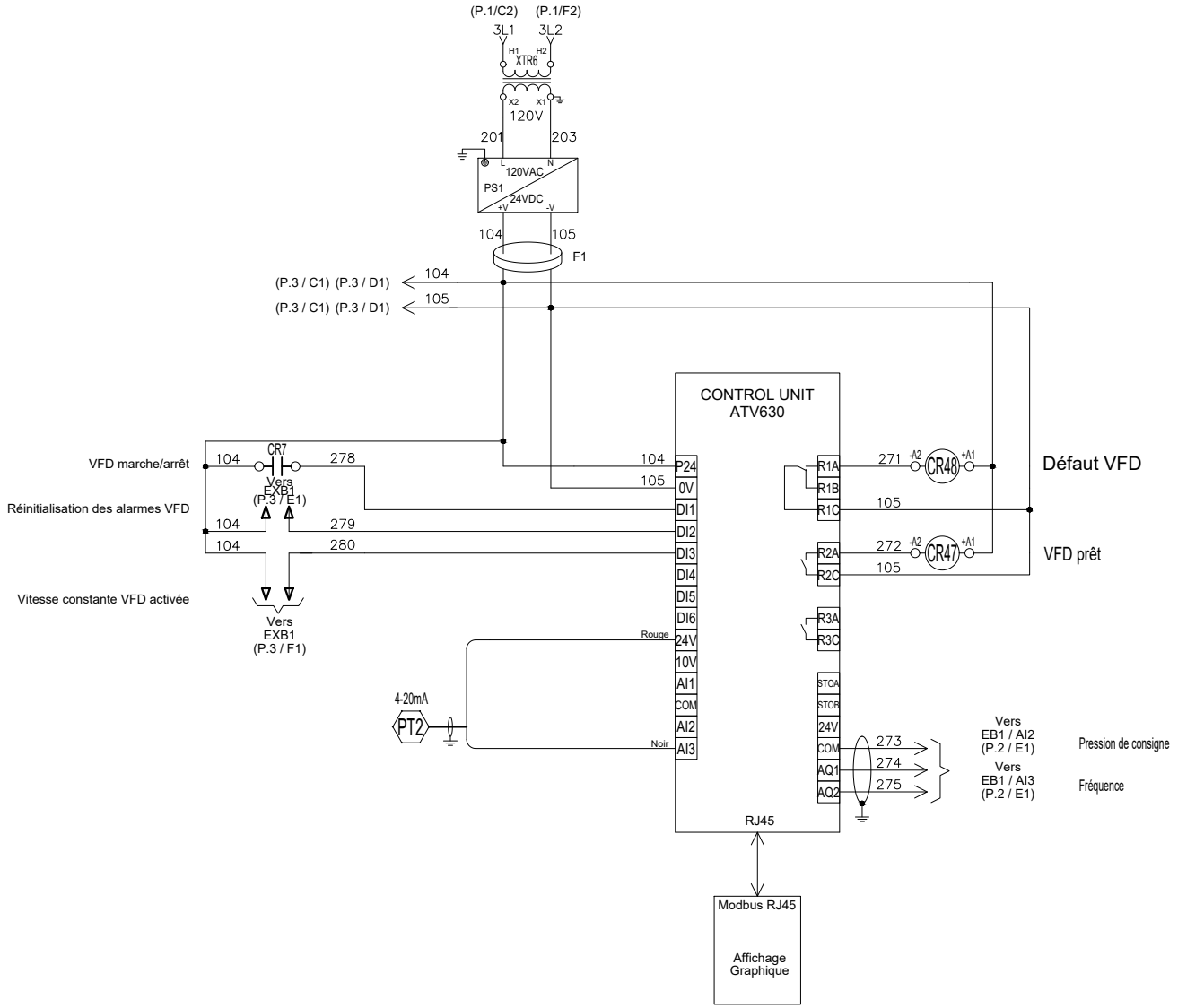
MODÈLE: VPA

CONSTRUIT SELON LA DERNIÈRE ÉDITION DU STANDARD NFPA 20 & NFPA70

DRAWING NUMBER VPA-WS800 /F

DWG REV. 0

SHEET 4 OF 4



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CONTRÔLEUR DE POMPE À INCENDIE ÉLECTRIQUE

MODÈLE: VPA / VPS

CONSTRUIT SELON LA DERNIÈRE ÉDITION DU STANDARD NFPA 20 & NFPA70

DRAWING NUMBER VPX-TD800 /F

DWG REV. 0

SHEET 1 OF 1

CONDUCTEURS EN CUIVRE pour le sectionneur d'isolement (IS1).
Câblage de chantier selon l'espace de pliage (AWG ou MCM). Terminaux L1 - L2 - L3

Espace de Pliage	5 " (127 mm)							8 " (203 mm)			12 " (305 mm)	
HP / Tension	5	7.5	10	15	20	25	30	40	50	60	75	100
200	1x (10 to 1/0)	1x (8 to 1/0)	1x (8 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (3 to 1/0)	1x (2 to 1/0)	1x (1/0 to 3/0)	1x (3/0 to 250)	1x (4/0 to 250)	2x (1/0 to 500)	--------
208	1x (10 to 1/0)	1x (8 to 1/0)	1x (8 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (3 to 1/0)	1x (2 to 1/0)	1x (1/0 to 3/0)	1x (3/0 to 250)	1x (4/0 to 250)	2x (1/0 to 500)	2x (2/0 to 500)
220 to 240	1x (10 to 1/0)	1x (10 to 1/0)	1x (8 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (4 to 1/0)	1x (3 to 1/0)	1x (1 to 3/0)	1x (2/0 to 3/0)	1x (3/0 to 250)	1x (250)	2x (2/0 to 500)
380 to 416	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (8 to 1/0)	1x (8 to 1/0)	1x (6 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (3 to 1/0)	1x (3 to 1/0)	1x (1/0 to 3/0)	1x (3/0 to 250)
440 to 480	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (8 to 1/0)	1x (8 to 1/0)	1x (6 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (3 to 1/0)	1x (1 to 3/0)	1x (2/0 to 3/0)
600	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (8 to 1/0)	1x (8 to 1/0)	1x (6 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (3 to 1/0)	1x (1 to 3/0)
											5 " (127 mm)	8 " (203 mm)

Espace de Pliage	12 " (305 mm)		16 " (406 mm)					
HP / Tension	125	150	200	250	300	350	400	450
380 to 416	1x (250)	2x (1/0 to 500)	2x (3/0 to 500)	2x (4/0 to 500)	2x (300 to 500)	2x (400 to 500)	--------	--------
440 to 480	1x (3/0 to 250)	1x (4/0 to 250)	2x (1/0 to 500)	2x (3/0 to 500)	2x (4/0 to 500)	2x (300 to 500)	2x (350 to 500)	2x (400 to 500)
Espace de Pliage	8 " (203 mm)		12 " (305 mm)					

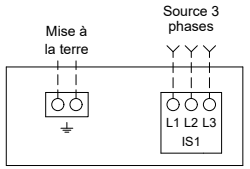
CONDUCTEURS EN ALUMINIUM pour le sectionneur d'isolement (IS1).
Câblage de chantier selon l'espace de pliage (AWG ou MCM). Terminaux L1 - L2 - L3

Espace de Pliage	5 " (127 mm)							8 " (203 mm)		10 " (254 mm)	12 " (305 mm)	
HP / Tension	5	7.5	10	15	20	25	30	40	50	60	75	100
200	1x (10 to 1/0)	1x (6 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (3 to 1/0)	1x (1 to 1/0)	1x (1/0)	1x (3/0)	1x (4/0 to 250)	1x (300) ** or 1x (250) 90°C *	2x (2/0 to 500)	--------
208	1x (10 to 1/0)	1x (6 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (3 to 1/0)	1x (1 to 1/0)	1x (1/0)	1x (3/0)	1x (4/0 to 250)	1x (300) ** or 1x (250) 90°C *	2x (2/0 to 500)	2x (4/0 to 500)
220 to 240	1x (10 to 1/0)	1x (8 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (3 to 1/0)	1x (2 to 1/0)	1x (1 to 1/0)	1x (2/0 to 3/0)	1x (3/0) 90°C *	1x (250)	1x (350) ** N/A	2x (3/0 to 500)
380 to 416	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (6 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (4 to 1/0)	1x (2 to 1/0)	1x (1 to 1/0)	1x (1/0)	1x (3/0)	1x (250 to 350)
440 to 480	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (8 to 1/0)	1x (6 to 1/0)	1x (6 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (2 to 1/0)	1x (1 to 1/0)	1x (1/0 to 3/0)	1x (3/0)
600	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (10 to 1/0)	1x (8 to 1/0)	1x (6 to 1/0)	1x (6 to 1/0)	1x (4 to 1/0)	1x (4 to 1/0)	1x (2 to 1/0)	1x (1 to 1/0)	1x (2/0 to 3/0)
											5 " (127 mm)	8 " (203 mm)

Espace de Pliage	12 " (305 mm)		16 " (406 mm)					
HP / Tension	125	150	200	250	300	350	400	450
380 to 416	1x (350) ** N/A	2x (3/0 to 500)	2x (4/0 to 500)	2x (300 to 500)	2x (500)	3x (300 to 500)** 2x (500) 90°C *	--------	--------
440 to 480	1x (250)	1x (300 to 350)** 1x (250) 90°C *	2x (3/0 to 500)	2x (250 to 500)	2x (300 to 500)	2x (400 to 500)	2x (500)	2x (500) 90°C *
Espace de Pliage	8 " (203 mm)		12 " (305 mm)					

* Pour un boîtier standard, utilisez un fil en aluminium à 90°C. Consultez l'usine pour l'utilisation des cables à moins de 90°C.
** Consulter l'usine

Borniers de puissance



Notes :
1 - Pour le classement par taille approprié des fils, se référer à NFPA20 et NEC (Etats-Unis),
ou CCE (Canada) ou code local.
2 - Contrôleur approprié à l'entrée de service aux Etats-Unis.
3 - Pour les raccordements plus précis du moteur, se rapporter au fabricant du moteur ou à la plaque signalétique du moteur.
4 - Le contrôleur est sensible aux phases.
Les lignes entrantes doivent être reliées en séquence alphabétique (ZS).

Dessin pour informations seulement.
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CONTRÔLEUR DE POMPE À INCENDIE ÉLECTRIQUE

MODÈLE: VPA / VPS

CONSTRUIT SELON LA DERNIÈRE ÉDITION DU STANDARD NFPA 20 & NFPA70

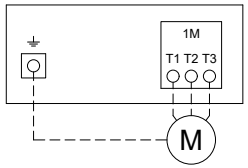
DRAWING NUMBER VPX-TD801 /F
DWG REV. 0
SHEET 1 OF 1

CONDUCTEURS EN CUIVRE pour le contacteur (1M).
Câblage de chantier selon l'espace de pliage (AWG ou MCM). Terminaux T1 - T2 - T3

HP / Tension	5	7.5	10	15	20	25	30	40	50	60	75	100
200	1x (10 to 2)	1x (8 to 2)	1x (8 to 2)	1x (6 to 2)	1x (4 to 2)	1x (3 to 2/0)	1x (2 to 2/0)	1x (1/0 to 3/0)	1x (3/0)	1x (4/0 to 300)	1x (300)	--------
208	1x (10 to 2)	1x (8 to 2)	1x (8 to 2)	1x (6 to 2)	1x (4 to 2)	1x (3 to 2/0)	1x (2 to 2/0)	1x (1/0 to 3/0)	1x (3/0)	1x (4/0 to 300)	1x (300)	2x (2/0 to 300)
220 to 240	1x (10 to 2)	1x (10 to 2)	1x (8 to 2)	1x (6 to 2)	1x (4 to 2)	1x (4 to 2/0)	1x (3 to 2/0)	1x (1/0 to 3/0)	1x (2/0 to 3/0)	1x (3/0)	1x (250 to 300)	2x (2/0 to 300)
380 to 416	1x (10 to 2)	1x (10 to 2)	1x (10 to 2)	1x (8 to 2)	1x (8 to 2)	1x (6 to 2)	1x (6 to 1/0)	1x (4 to 1/0)	1x (3 to 2/0)	1x (1 to 2/0)	1x (1/0 to 3/0)	1x (3/0)
440 to 480	1x (10 to 2)	1x (10 to 2)	1x (10 to 2)	1x (10 to 2)	1x (8 to 2)	1x (8 to 2)	1x (6 to 2)	1x (6 to 2)	1x (4 to 2/0)	1x (3 to 2/0)	1x (1 to 1/0)	1x (2/0 to 3/0)
600	1x (10 to 2)	1x (10 to 2)	1x (10 to 2)	1x (10 to 2)	1x (10 to 2)	1x (8 to 2)	1x (8 to 2)	1x (6 to 2)	1x (6 to 2)	1x (4 to 2/0)	1x (3 to 1/0)	1x (1 to 1/0)

HP / Tension	125	150	200	250	300	350	400	450
380 to 416	1x (250 to 300)	1x (300)	2x (3/0 to 300)	2x (4/0 to 300)	2x (300)	2x (400 to 500)	--------	--------
440 to 480	1x (3/0)	1x (4/0 to 300)	2x (1/0 to 300)	2x (3/0 to 300)	2x (4/0 to 300)	2x (300)	2x (350 to 500)	2x (400 to 600)

Borniers de moteur



Modèles: VPA / VPS

CONDUCTEURS EN ALUMINIUM pour le contacteur (1M).
Câblage de chantier selon l'espace de pliage (AWG ou MCM). Terminaux T1 - T2 - T3

HP / Tension	5	7.5	10	15	20	25	30	40	50	60	75	100
200	1x (10 to 2/0) **	1x (10 to 2/0) **	1x (6 to 2/0) **	1x (4 to 2/0) **	1x (2 to 2/0) **	1x (1 to 2/0) **	1x (1/0 to 2/0) **	1x (2/0) 90°C *	Consulter l'usine	1x (300)	1x (300) 90°C *	--------
208	1x (10 to 2/0) **	1x (10 to 2/0) **	1x (6 to 2/0) **	1x (4 to 2/0) **	1x (2 to 2/0) **	1x (1 to 2/0) **	1x (1/0 to 2/0) **	1x (2/0) 90°C *	Consulter l'usine	1x (300)	1x (300) 90°C *	2x (4/0 to 300)
220 to 240	1x (10 to 2/0) **	1x (10 to 2/0) **	1x (8 to 2/0) **	1x (4 to 2/0) **	1x (3 to 2/0) **	1x (2 to 2/0) **	1x (1 to 2/0) **	1x (2/0)	1x (3/0) 90°C *	Consulter l'usine	1x (300) 90°C *	2x (3/0 to 300)
380 to 416	1x (12 to 2/0) **	1x (12 to 2/0) **	1x (10 to 2/0) **	1x (8 to 2/0) **	1x (6 to 2/0) **	1x (6 to 2/0) **	1x (4 to 2/0) **	1x (2 to 2/0) **	1x (1 to1/0)	1x (1/0)	1x (3/0)	Consulter l'usine
440 to 480	1x (12 to 2/0) **	1x (12 to 2/0) **	1x (10 to 2/0) **	1x (10 to 2/0) **	1x (8 to 2/0) **	1x (6 to 2/0) **	1x (6 to 2/0) **	1x (4 to 2/0) **	1x (2 to 1/0)	1x (1 to 1/0)	1x (1/0)	1x (3/0)
600	1x (12 to 2/0) **	1x (12 to 2/0) **	1x (12 to 2/0) **	1x (10 to 2/0) **	1x (10 to 2/0) **	1x (8 to 2/0) **	1x (8 to 2/0) **	1x (4 to 2/0) **	1x (4 to 2/0) **	1x (2 to 1/0)	1x (1 to 1/0)	Consulter l'usine

HP / Tension	125	150	200	250	300	350	400	450
380 to 416	1x (300) 90°C *	Consulter l'usine	2x (4/0 to 300)	2x (300)	Consulter l'usine	2x (600)	--------	--------
440 to 480	Consulter l'usine	1x (300)	2x (3/0 to 300)	2x (250 to 300)	2x (300)	2x (300) 90°C *	2x (500)	2x (600)

*Pour un boîtier standard, utilisez un fil en aluminium à 90°C. Consultez l'usine pour l'utilisation des cables à moins de 90°C.
**Option V659 requise.

Notes :
1 - Pour le classement par taille approprié des fils, se référer à NFPA20 et NEC (Etats-Unis),
ou CCE (Canada) ou code local.
2 - Contrôleur approprié à l'entrée de service aux Etats-Unis.
3 - Pour les raccordements plus précis du moteur, se rapporter au fabricant du moteur ou à la plaque signalétique du moteur.
4 - Le contrôleur est sensible aux phases.
Les lignes entrantes doivent être reliées en séquence alphabétique (ZS).

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DRAWN BY	ZS	10/07/23
FINAL APPROVAL	FC	10/07/23

CONTRÔLEUR DE POMPE À INCENDIE ÉLECTRIQUE

MODÈLE: VPA

CONSTRUIT SELON LA DERNIÈRE ÉDITION DU STANDARD NFPA 20 & NFPA70

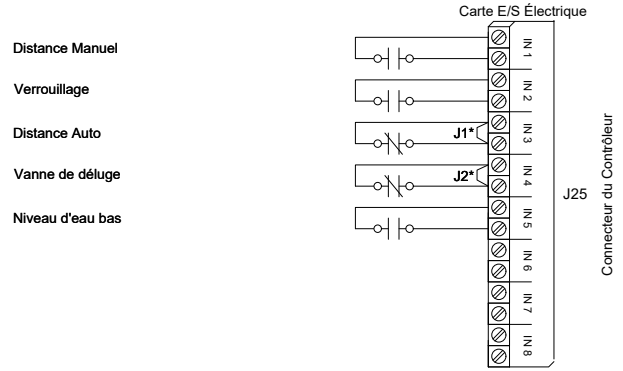
DRAWING NUMBER VPA-TD800 /F

DWG REV. 0

SHEET 1 OF 1

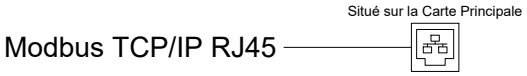
Connexions Chantier

Calibre des fils terminaux:
24 - 12 AWG
0.5 Nm



Connexions Réseau

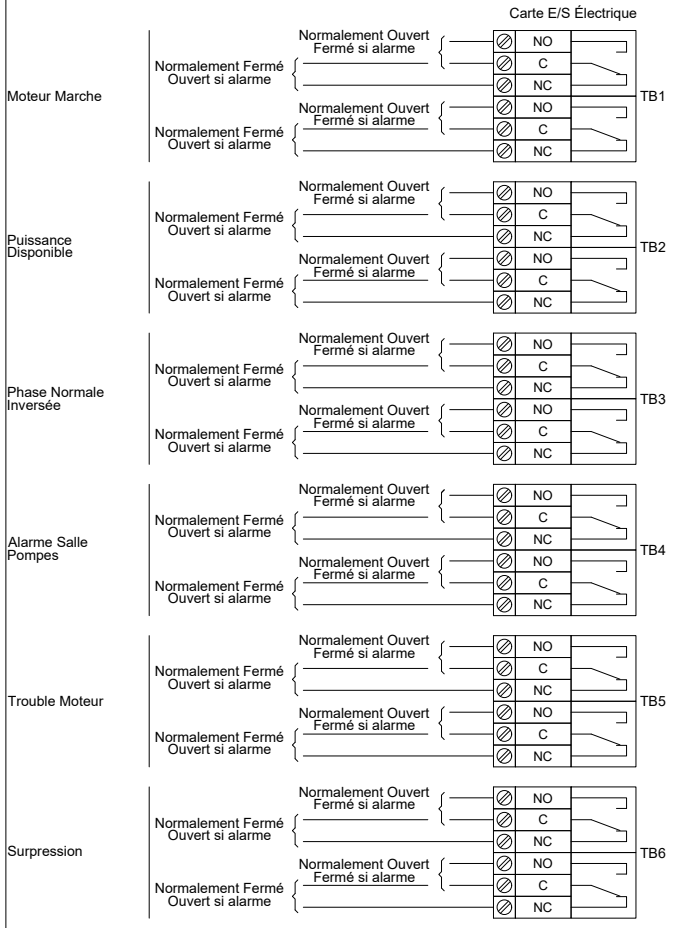
Calibre des fils terminaux:
Connecteur Femelle RJ45



* Retirer le cavalier pour activer cette fonction

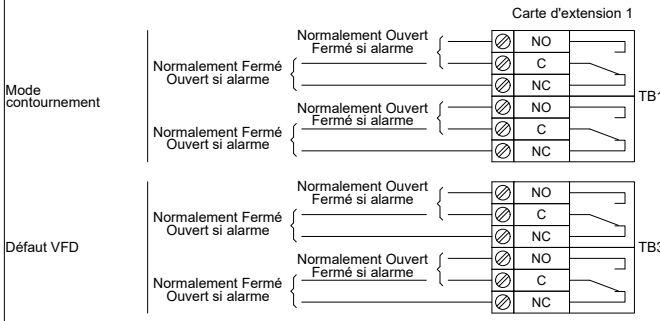
Contacts d'alarme

Calibre des fils terminaux:
24 - 12 AWG
0.5 Nm



Contacts d'alarme

Calibre des fils terminaux:
24 - 12 AWG
0.5 Nm



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