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WIRING SCHEMATICS

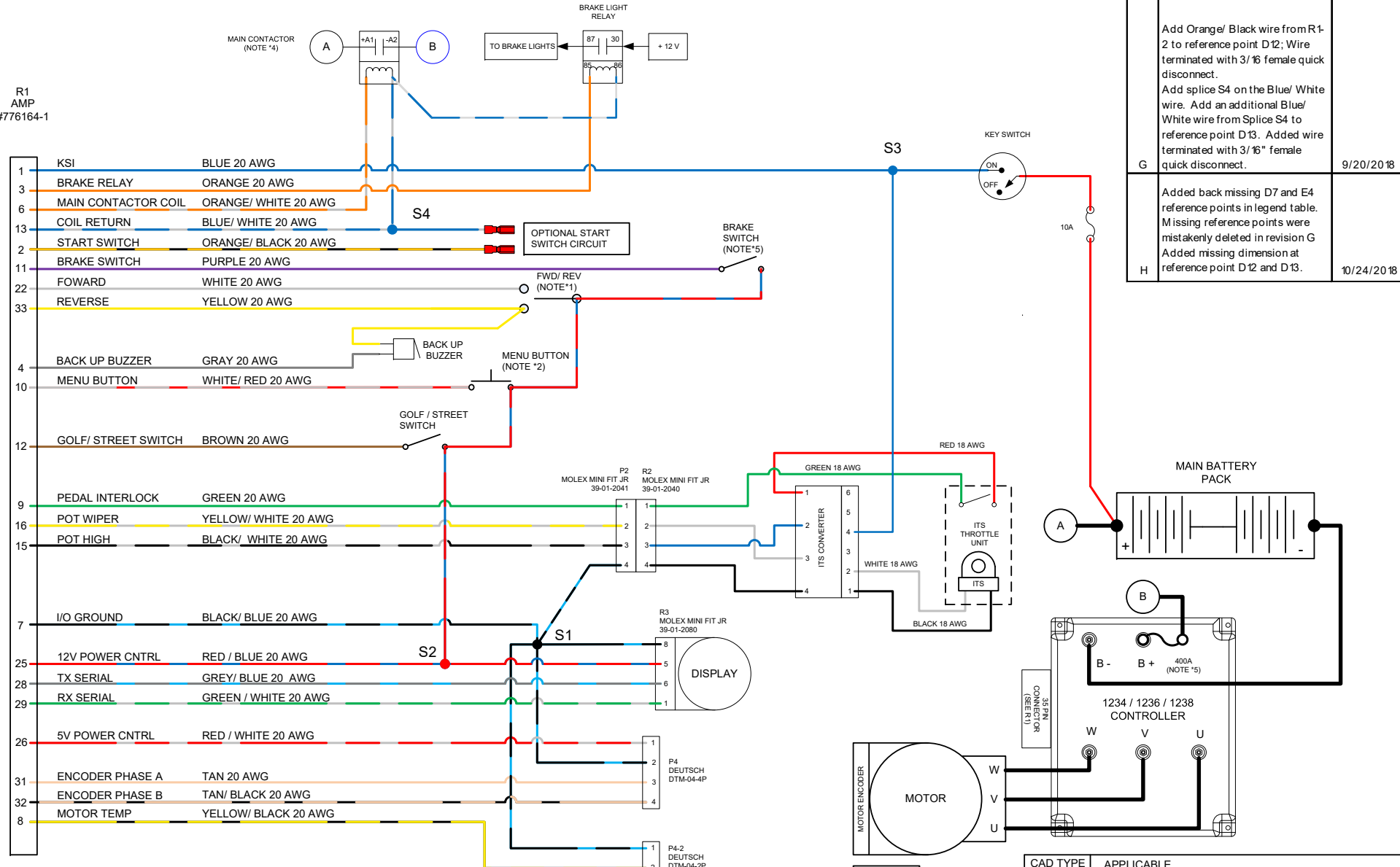
EZ-GO GOLF CAR

REVISION: H

DATE:11-04-19

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R1
AMP
#776164-1



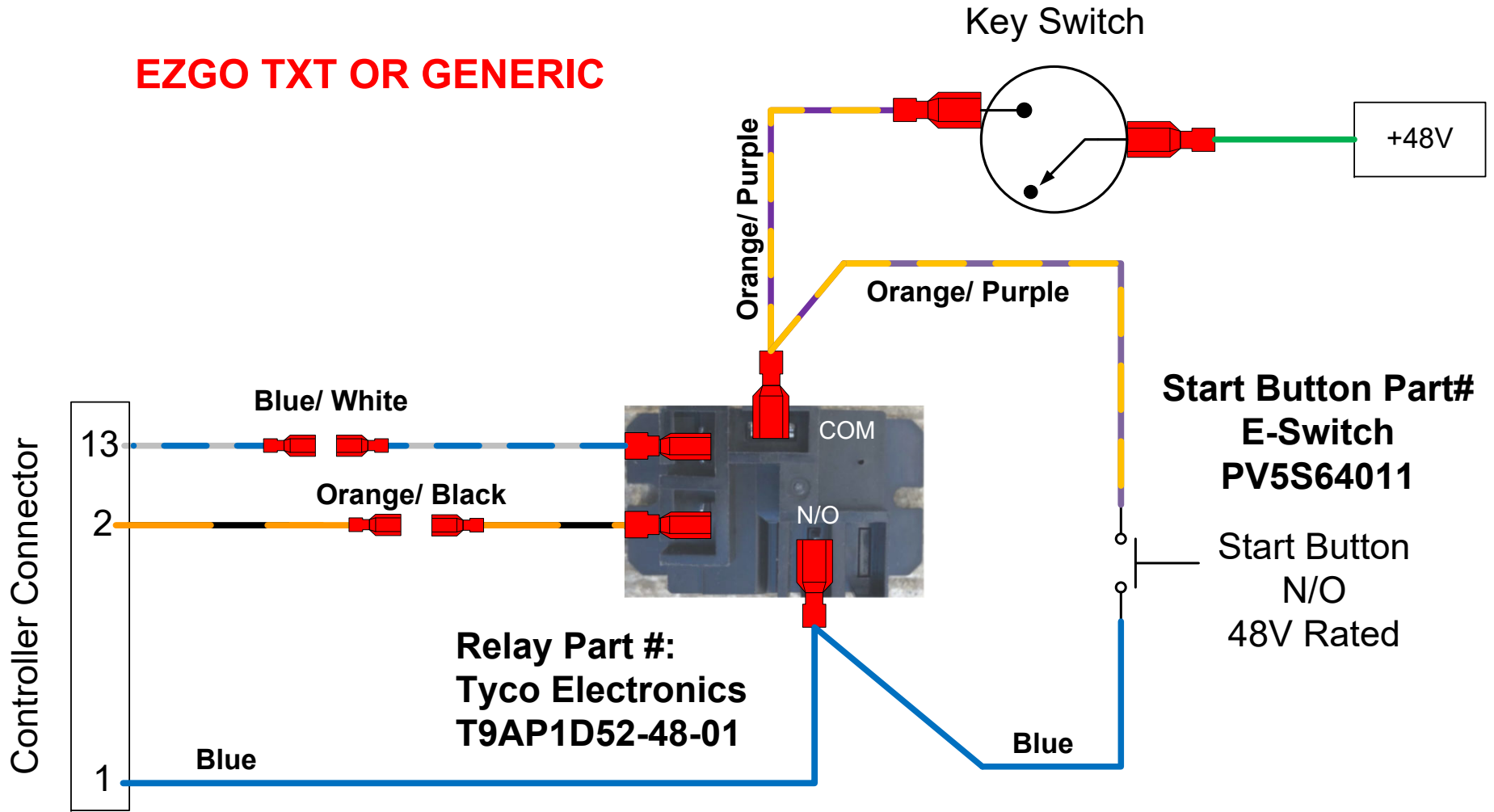
- NOTES:
- (*1) IF REVERSE IS NOT USED, CONNECT WHITE WIRE TO BLUE WIRE.
 - (*2) MENU BUTTON IS OPTIONAL USE WITH DISPLAY.
 - (*3) REMOVE ANY DIODES OR RESISTOR FROM MAIN CONTACTOR.
 - (*4) USE 400A FUSE IN 650 SYSTEM. USE 300A FUSE IN 350 SYSTEM.
 - (*5) NORMALLY OPEN. CONTACTS MUST BE CLOSED WHEN BRAKE PEDAL IS PRESSED.

REVISIONS		
REV	DESCRIPTION	APPROVED
G	Add Orange/ Black wire from R1-2 to reference point D12; Wire terminated with 3/16 female quick disconnect. Add splice S4 on the Blue/ White wire. Add an additional Blue/ White wire from Splice S4 to reference point D13. Added wire terminated with 3/16" female quick disconnect.	9/20/2018
H	Added back missing D7 and E4 reference points in legend table. Missing reference points were mistakenly deleted in revision G Added missing dimension at reference point D12 and D13.	10/24/2018

CAD TYPE	APPLICABLE SOFTWARE
VISIO	1010-EZ-GO
UNIT NONE	DRAWING
DRW SIZE A	TITLE
DATE	10/24/18
SCALE 1:1	SUPPLIER PART HW-1010EZGO-HPG
SHEET 1 OF 1	REVISION H
	HPEVS

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EZGO TXT OR GENERIC



Note: This is an Optional System that Works with HPEVS Golf Car Drive System

CAD TYPE	APPLICABLE SOFTWARE
VISIO	
UNIT	DRAWING
NONE	1010-Start Button
DRW SIZE	TITLE
A	Golf Car Start Button EZGO TXT or Generic
DATE	
01/11/19	
SUPPLIER PART	
SCALE	SHEET 1 OF 1
1:1	REVISION 2
	HPEVS

THEORY OF OPERATION

Scope: The following steps gives the end user instruction on the process and functionality of how to start a golf car that is utilizing a start button system. A HPEVS drive system is needed for the functionality of this process.

Functionality: Utilizing the provided start button to start the golf car is designed to protect the batteries. Once the car is started and running, the vehicle will remain on. If the vehicle has not been driven for 30 minutes, the controller is programmed to shutdown the vehicle and all power so that battery power is not being used. To restart the vehicle, simply depress the start button again to restart the drive system.

(DISCLAIMER: ALTHOUGH THIS PROCESS IS DESIGNED TO SHUTDOWN THE DRIVE SYSTEM TO PROTECT THE BATTERIES FROM BEING FULLY DEPLETED, THE IGNITION KEY SHOULD ALWAYS BE USED TO SHUTDOWN THE DRIVE SYSTEM).

1. To start the golf car, first, turn on the ignition key.
2. Depress and hold the start button for two seconds.
3. If the vehicle is not driven within 5 minutes after starting, the drive system will shut down.
4. The drive system will energize and the car will drive as normal.
5. If the car has not been driven for thirty (30) minutes after being driven, the controller will shut the drive system down.
6. If the drive system has shutdown and the ignition key has not been cycled off, simply depress the start button once more and the vehicle is ready to drive.