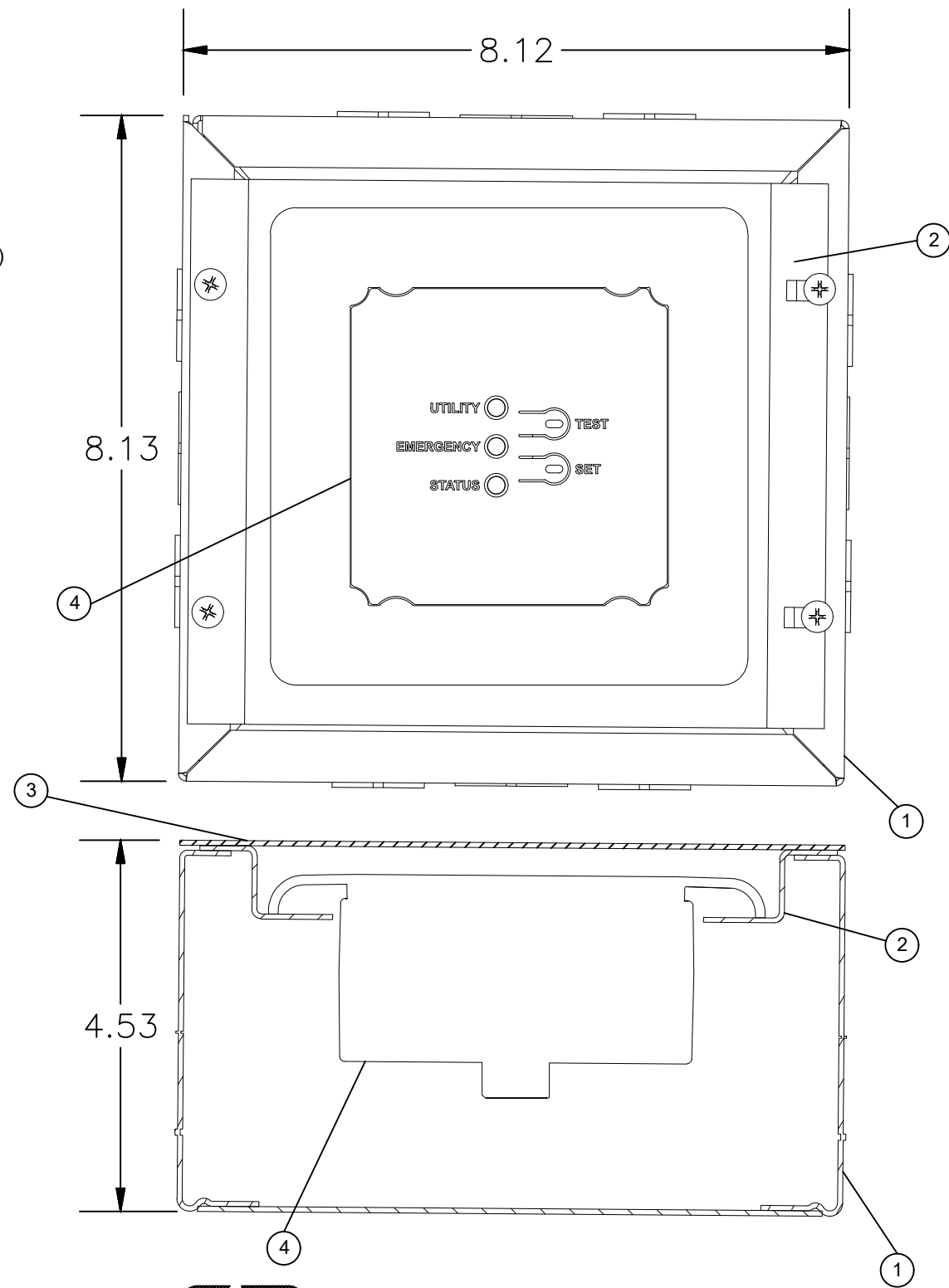
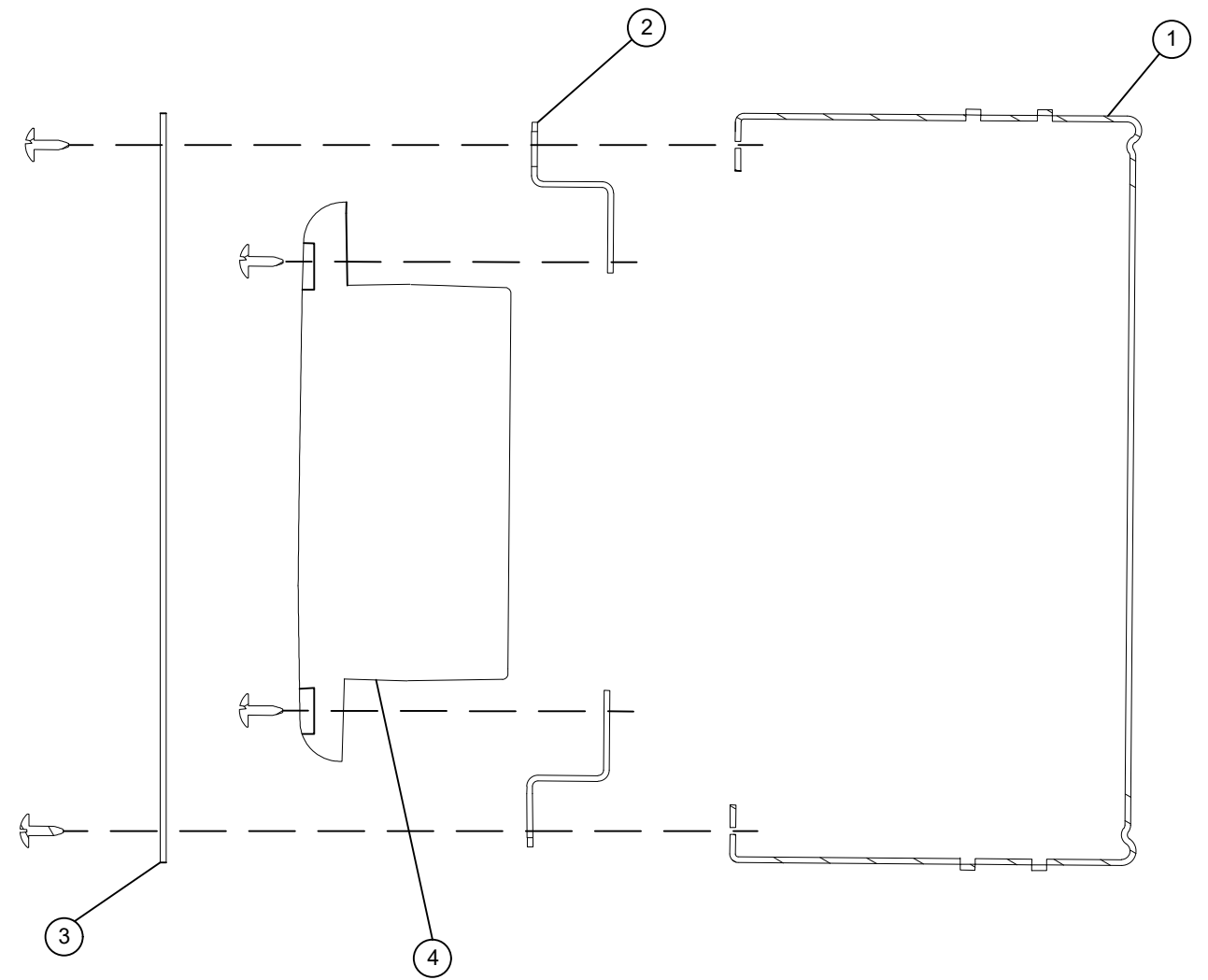


PAGE NOTES:

- ① BACK BOX
- ② MOUNTING YOKE
- ③ FRONT COVER
- ④ CONTROL MODULE (EMR3-S2)



é ASSEMBLED VIEW
NTS



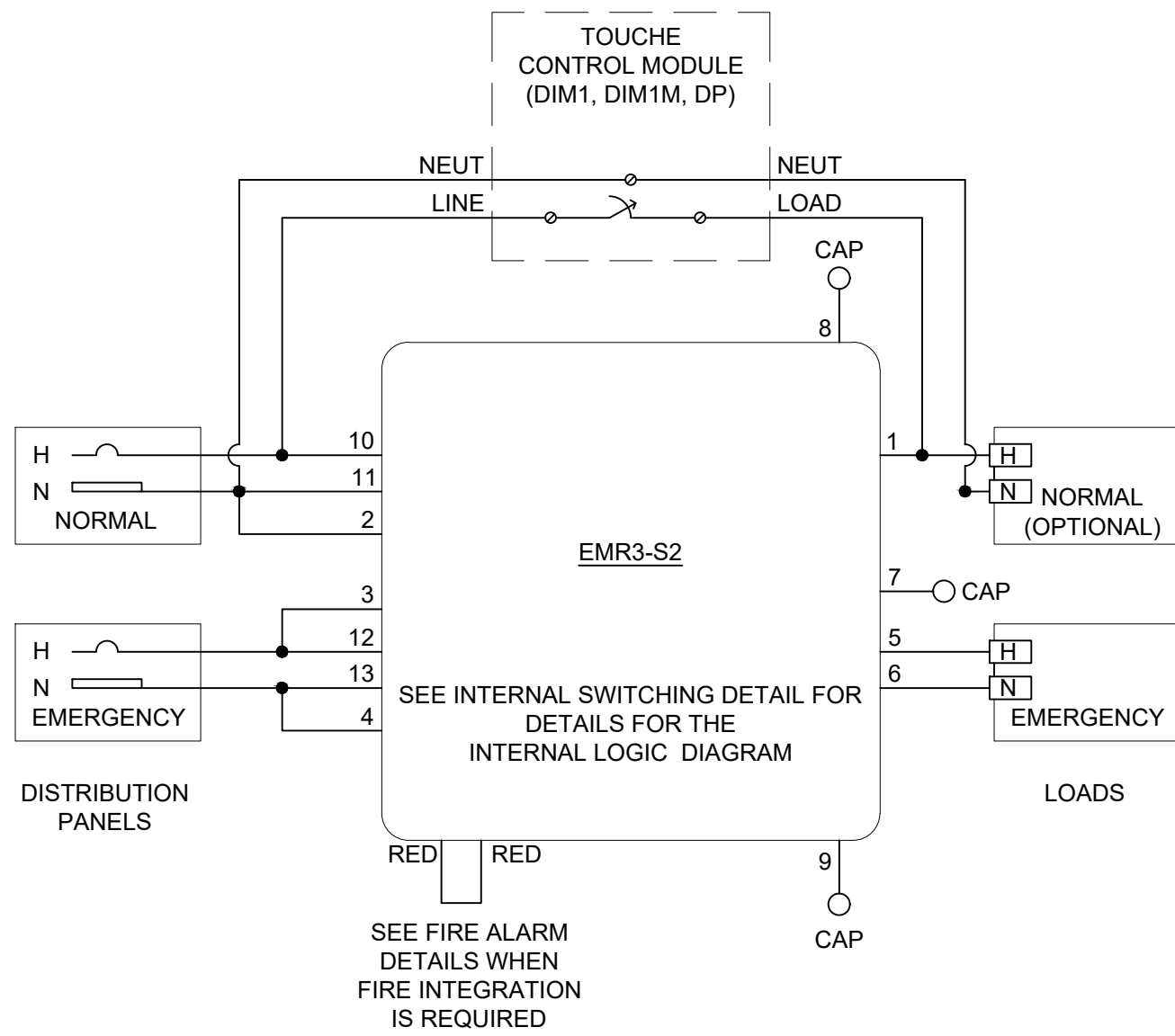
é EXPLODED ASSEMBLY SIDE VIEW
NTS


PART#	EMR3-120/277-S2		
DESC.	EMERGENCY TRANSFER DEVICE		
DWG#	EMR3-S2 (1 OF 4)		
DATE:	11/19/20	REV:	REV4
		DRAWING BY:	RCJ

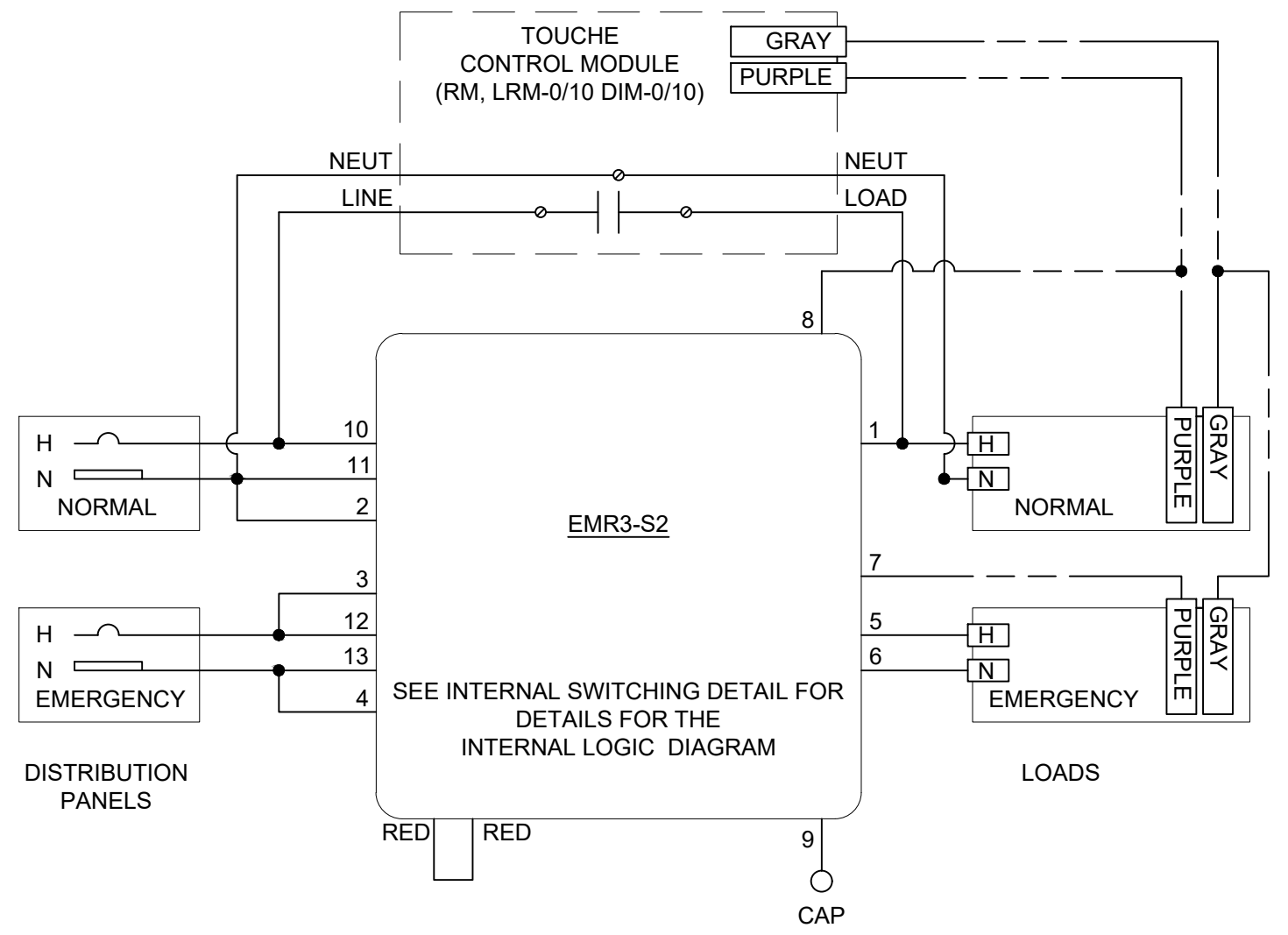
www.touchecontrols.com
phone: 1-888-841-4356


Touché

LIGHTING CONTROL



 **NON DIMMING DIAGRAM**
NTS



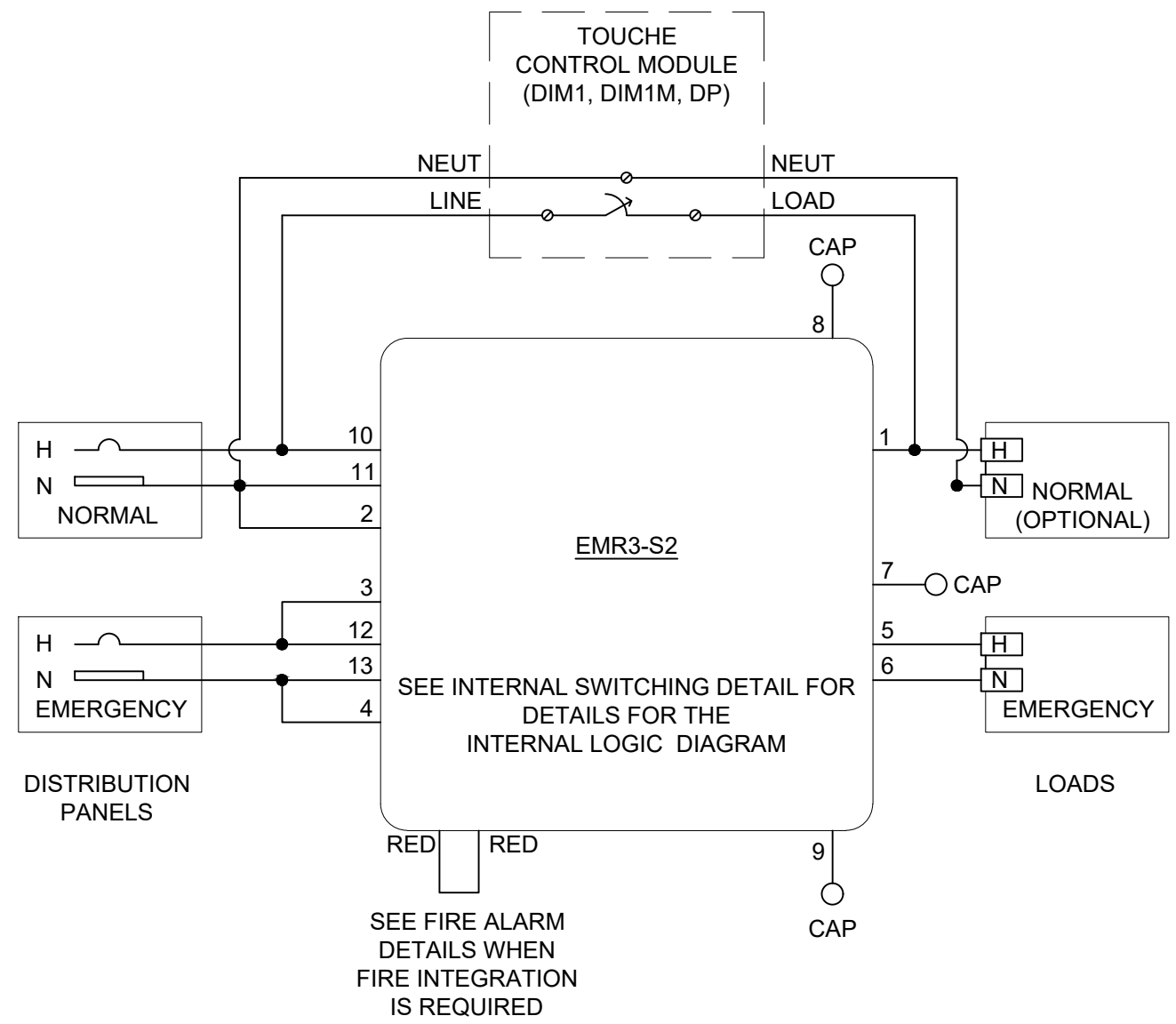
 **0/10V DIMMING DIAGRAM**
NTS

PART#	EMR3-120/277-S2		
DESC.	EMERGENCY TRANSFER DEVICE		
DWGH#	EMR3-S2 (2 OF 4)		
DATE:	11/19/20	REV.	REV4
		DRAWING BY:	RCJ

www.touchecontrols.com
phone: 1-888-841-4356

Touché

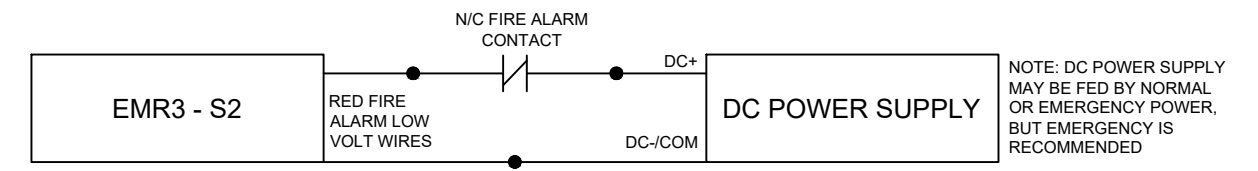
LIGHTING CONTROL



é LINE VOLTAGE DIMMING DIAGRAM
NTS

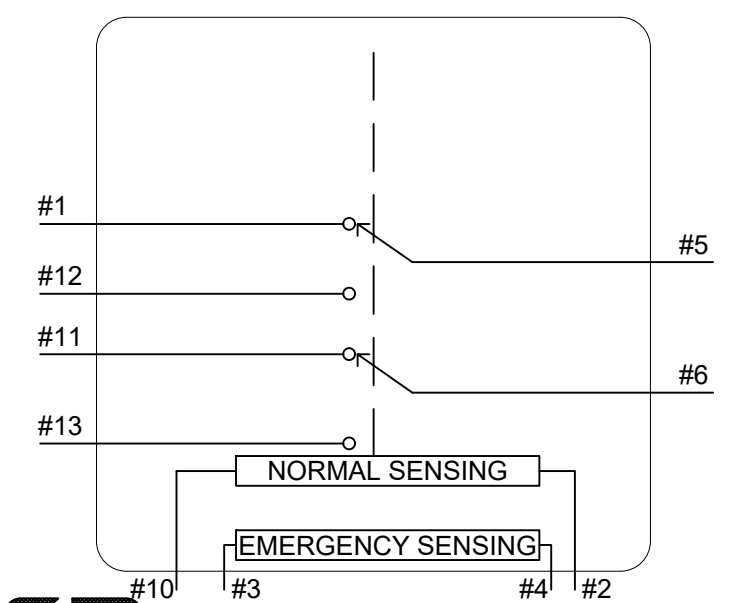
MOST EMERGENCY POWER CONTROL PRODUCTS NOW INCLUDE INTEGRAL FIRE ALARM TIE-IN CAPABILITY. THIS ALLOWS THEM TO BE CONNECTED TO A FIRE ALARM DRY CONTACT AND 10V-30VDC (EITHER WITHIN THE FIRE ALARM PANEL OR EXTERNAL) AND BE REMOTELY ACTIVATED DURING A FIRE EVENT TO OVERRIDE ALL LIGHTING CONTROLS AND TURN ON AT FULL BRIGHTNESS. THESE DEVICES ALSO WILL ACTIVATE EMERGENCY LIGHTING DURING A LOSS OF NORMAL POWER, ALLOWING YOU TO USE ONE DEVICE TO COMPLY WITH BOTH (2) AND (5) OF NFPA101 7.8.1.2.2.

FIRE ALARM TIE-IN INCLUDED CAN BE CONNECTED TO A N/C FIRE ALARM CONTACT RATED 100 mA, 24VDC OR GREATER (CLOSED DURING FIRE EVENT, OPEN DURING NORMAL CONDITIONS) AND A 10V-30VDC POWER SUPPLY RATED 1W OR GREATER. FIRE ALARM DRY CONTACTS ARE VALUABLE AND UP TO 20 EMR DEVICES CAN SHARE A SINGLE FIRE ALARM DRY CONTACT (POWER SUPPLY SHOULD BE RATED FOR AT LEAST 1W PER 20 EMR CONTROLS).



FIRE ALARM TIE-IN IS SHIPPED WITH A LOW VOLTAGE WIRE RED LOOP. RED LOOP CAN BE CUT AND CONNECTED AS SHOWN. RED WIRES ARE POLARITY INDEPENDENT.

é FIRE ALARM DETAILS
NTS



é INTERNAL SWITCHING DETAILS
NTS

PART#	EMR3-120/277-S2		
DESC.	EMERGENCY TRANSFER DEVICE		
DWGH#	EMR3-S2 (3 OF 4)		
DATE:	11/19/20	REV.	REV4
		DRAWING BY:	RCJ

www.touchecontrols.com
phone: 1-888-841-4356

Touché
LIGHTING CONTROL

IMPORTANT SAFEGUARDS

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

1. THIS PRODUCT CAN BE USED WITH LED, BALLAST, TUNGSTEN AND GENERAL USE LOADS.
2. MAKE SURE ALL CONNECTIONS ARE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL REGULATIONS.
3. TO REDUCE THE RISK OF ELECTRIC SHOCK, DISCONNECT BOTH NORMAL AND EMERGENCY POWER SUPPLIES BEFORE SERVICING.
4. THIS PRODUCT IS INTENDED TO BE USED TO CONTROL INDOOR AND OUTDOOR LOCATED LOADS.
5. AN UNSWITCHED AC POWER SOURCE IS REQUIRED (120-277VAC).
6. DO NOT INSTALL NEAR GAS OR ELECTRIC HEATERS.
7. DO NOT ATTEMPT TO SERVICE A SEALED EMERGENCY LIGHTING TRANSFER SWITCH. WHEN MALFUNCTIONING, RETURN TO THE MANUFACTURER.
8. THE USE OF ACCESSORY EQUIPMENT IS NOT RECOMMENDED BY THE MANUFACTURER AND MAY CAUSE UNSAFE CONDITIONS.
9. DO NOT USE THIS PRODUCT FOR OTHER THAN ITS INTENDED USE.
10. SERVICING SHOULD BE PERFORMED BY QUALIFIED SERVICE PERSONNEL.
11. EQUIPMENT SHOULD BE MOUNTED IN LOCATIONS AND AT HEIGHTS WHERE IT WILL NOT READILY BE SUBJECTED TO TAMPERING BY UNAUTHORIZED PERSONNEL.

NOTES FOR USE:

USE CU WIRE ONLY

SUITABLE FOR TOTAL SYSTEM TRANSFER

INPUT: 120-277 VAC 50-60HZ

UNIT POWER CONSUMPTION 7W MAX

CONTINUOUS LOAD CURRENT NOT TO EXCEED 100% OF SWITCH RATING

120-277 VOLT 16 AMP BALLAST

120-277 VOLT 16 AMP TUNGSTEN

120-277 VOLT 16 AMP GENERAL USE

WHEN PROTECTING BY A FUSE OF THE SPECIFIC MANUFACTURE TYPE, AND AMPERE RATING AS MARKED BELOW, THIS TRANSFER SWITCH IS SUITABLE FOR USE IN CIRCUITS CAPABLE OF DELIVERY 5000A AT 277V.

LITTELFUSE	KLK-30	30AMPS
LITTELFUSE	KLKR-30	30AMPS

TESTING:

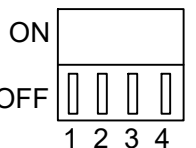
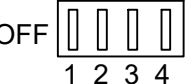
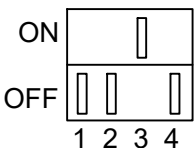
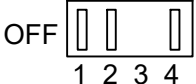
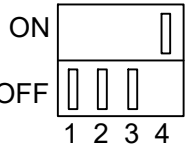
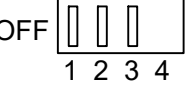
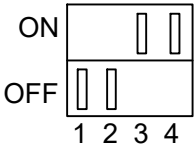
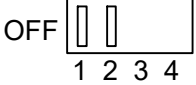
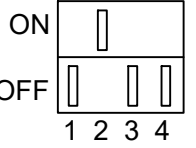
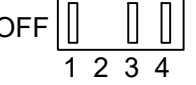
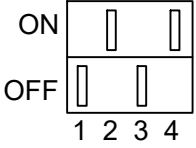
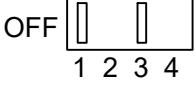
INITIAL TESTING

1. TURN ON NORMAL POWER CIRCUIT BREAKER, UTILITY POWER GREEN LED SHOULD BE ILLUMINATED.
2. TURN ON 24/7 EMERGENCY POWER CIRCUIT BREAKER, EMERGENCY POWER RED LED SHOULD BE ILLUMINATED.
3. DO NOT TURN DIMMING SYSTEM ON YET. PRESS TEST SWITCH ON EMR3. DESIGNATED EMERGENCY FIXTURES SHOULD COME ON AT FULL BRIGHTNESS. ALTERNATIVELY, YOU MAY TURN OFF THE NORMAL POWER BREAKER TO TEST THE EMR3.
4. WITH NORMAL POWER BREAKER ON, OPERATE THE DIMMER CONTROL AND OBSERVE IF ALL FIXTURES TURN ON, INCLUDING DESIGNATED EMERGENCY FIXTURES. LOAD BLUE LED SHOULD BE ILLUMINATED WHEN LOAD IS ON.

FINAL TESTING

1. COORDINATE A CONVENIENT TIME TO TURN OFF THE MAIN CIRCUIT BREAKER WITH BUILDING OCCUPANTS.
2. WITH MAIN CIRCUIT BREAKER OFF, EMERGENCY CIRCUITS WILL BE POWERED BY THE GENERATOR, INVERTER OR UPS.
3. EMERGENCY LUMINARIES CONNECTED TO EMR3 SHOULD BE ON AT FULL BRIGHTNESS, REGARDLESS OF DIMMER SYSTEM. THIS IS THE INTENDED FUNCTION OF THE EMR AND CONFORMS TO UL1008, NEC, AND NFPA101 REQUIREMENTS.

DIP SWITCH SETTINGS

NO MONTHLY AUTOMATIC TEST NO FIRE ALARM/REMOTE TEST SWITCH ON  OFF 	NO MONTHLY AUTOMATIC TEST YES FIRE ALARM/REMOTE TEST SWITCH (N/C) ON  OFF 
YES MONTHLY AUTOMATIC TEST NO FIRE ALARM/REMOTE TEST SWITCH ON  OFF 	YES MONTHLY AUTOMATIC TEST YES FIRE ALARM/REMOTE TEST SWITCH (N/C) ON  OFF 
NO MONTHLY AUTOMATIC TEST YES FIRE ALARM/REMOTE TEST SWITCH (N/O) ON  OFF 	YES MONTHLY AUTOMATIC TEST YES FIRE ALARM/REMOTE TEST SWITCH (N/O) ON  OFF 

PART#	EMR3-120/277-S2		
DESC.	EMERGENCY TRANSFER DEVICE		
DWG#	EMR3-S2 (4 OF 4)		
DATE:	11/19/20	REV:	REV4
		DRAWING BY:	RCJ

