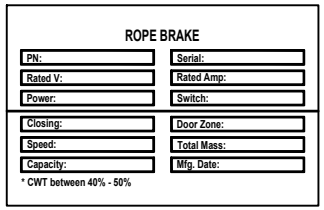
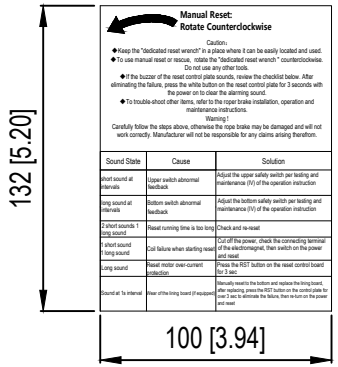
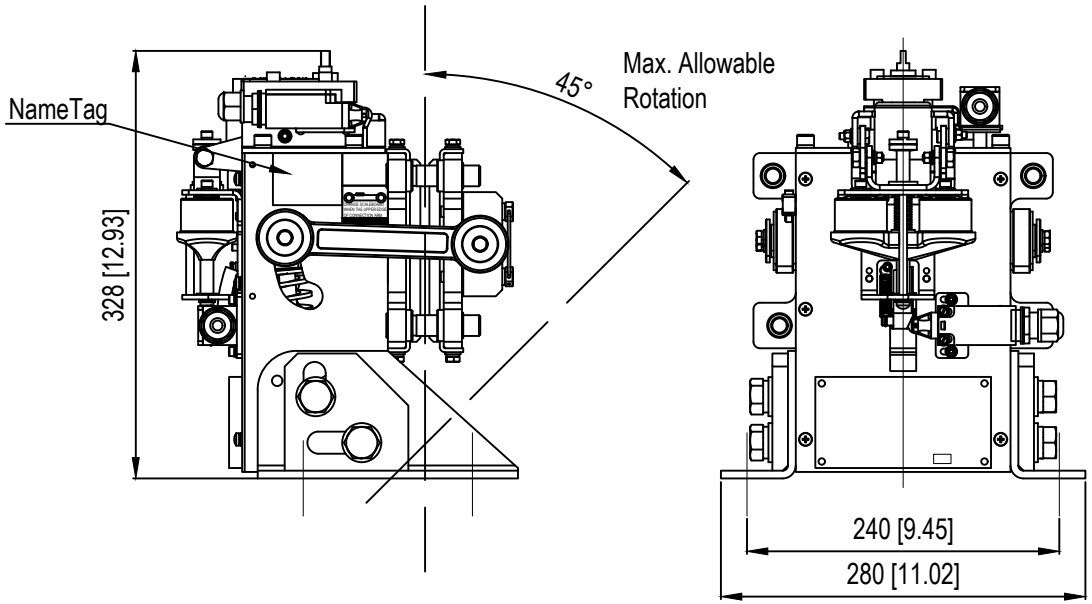
Part Number	Roping	Mx Full Load Mass (lb)	Max Rated Speed (fpm)	Lining Width (in)	Dimension Pc (in)	Weight (lb/set)	Grooves
RBK20-194050-1/2	1:1	19470	500	6.5	10.5 X11X13	66	8X1/2"X3/4" (pitch)
RBK20-194050-5/8	1:1	19470	500	6.5	10.5 X11X13	66	6X5/8"X1" (pitch)

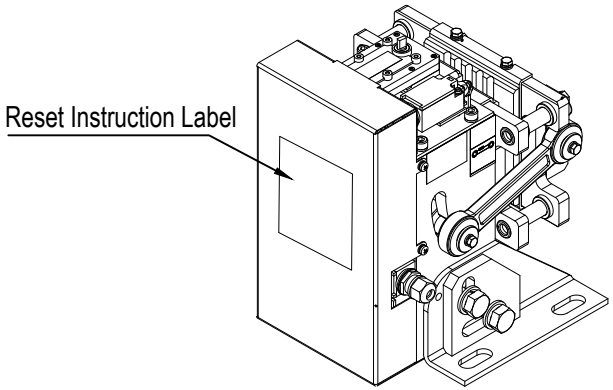
NameTag

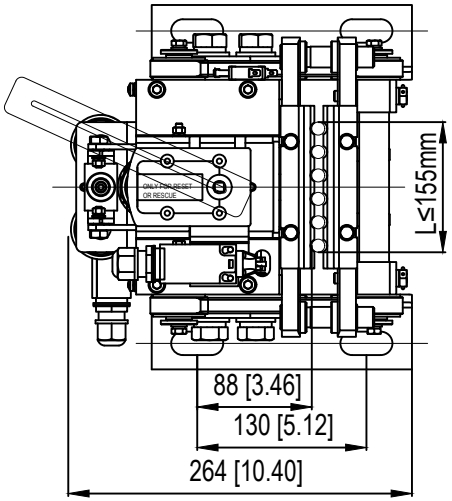


Reset Instruction Label









NOTE:

1. Use UL certified switch (SND4111SP-C-R) and cables.
2. UCMP detection distances ± 150mm; UCMP response time≤150ms;
3. The diameter of the traction rope is Ø8-Ø16; L is the distance of the outermost edge of the traction wire rope group, L≤155mm.
4. The rope clamp needs to be matched with the control signals of the overspeed of the speed limiter and the detection system of the accidental movement of the car. The principle of the dedicated control board interface circuit is shown on Page 2 (see the product specification for details)
5. Trigger lock hook spring force 80 ± 10N.
6. Apply lubricating grease to the outer surface of the guide shaft of the customized moving plate assembly of 1. Dynamic brake plate assembly (key 2) The guide shaft of the piece 1 should be able to slide flexibly, and there should be no jamming.
7. After the rope clamp is activated, a professional should remove the fault and check the wear of the brake lining, and then perform the reset operation before it can run again.
8. When replacing the friction plate, it must be the same model and specification, and strictly follow the product instructions.
9. Supply voltage 24V ± 10%, standby current 250mA ± 10%, reset current ≥3.5A.
10. The 33 pins are sent to the site for installation with the accessories.

DRAWING NO:	RBK20-194050-165		Sheet 1 of 2
DESCRIPTION:	Standard Rope Brake 165		
	MATERIALS: ASSEMBLY		Scale: NTS
All Dimensions are in mm [Inches]			

Date	Rev.	ECO #	Des/App
9/15/20	-	-	JZ/SY

GENERAL TOLERANCES:

>6-30mm:	±1 [0.039]
>30-120mm:	±1.5 [0.059]
>120-400mm:	±2.5 [0.098]
>400-1000mm:	±4 [0.157]
>1000-2000mm:	±6 [0.236]

UNLESS SHOWN OTHERWISE

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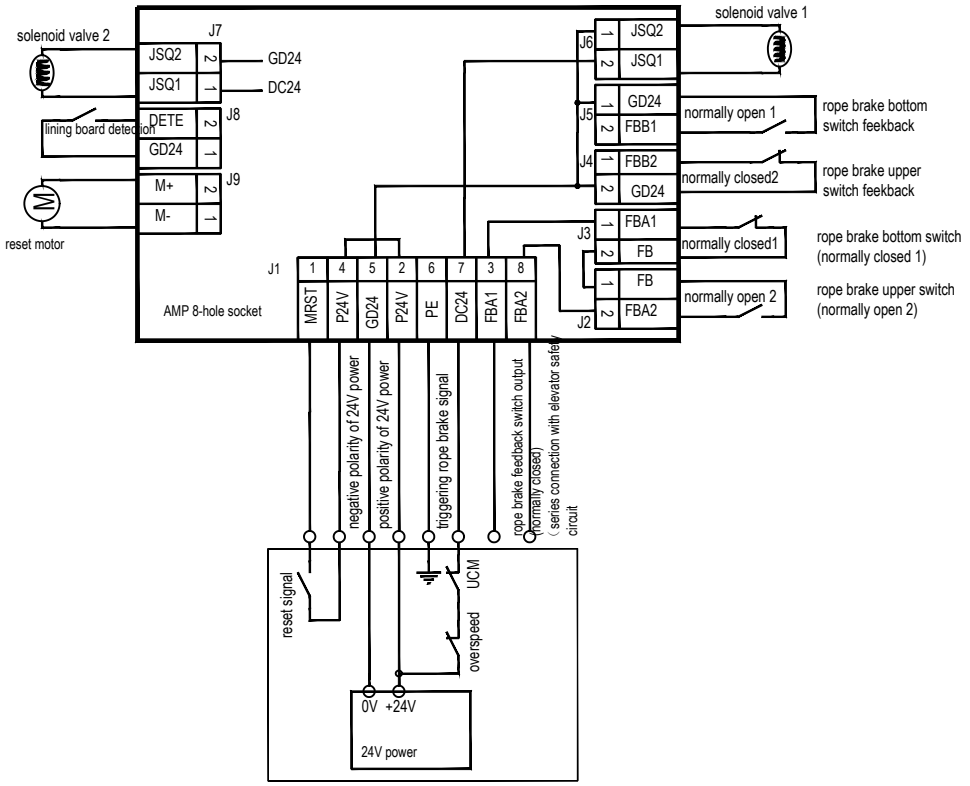
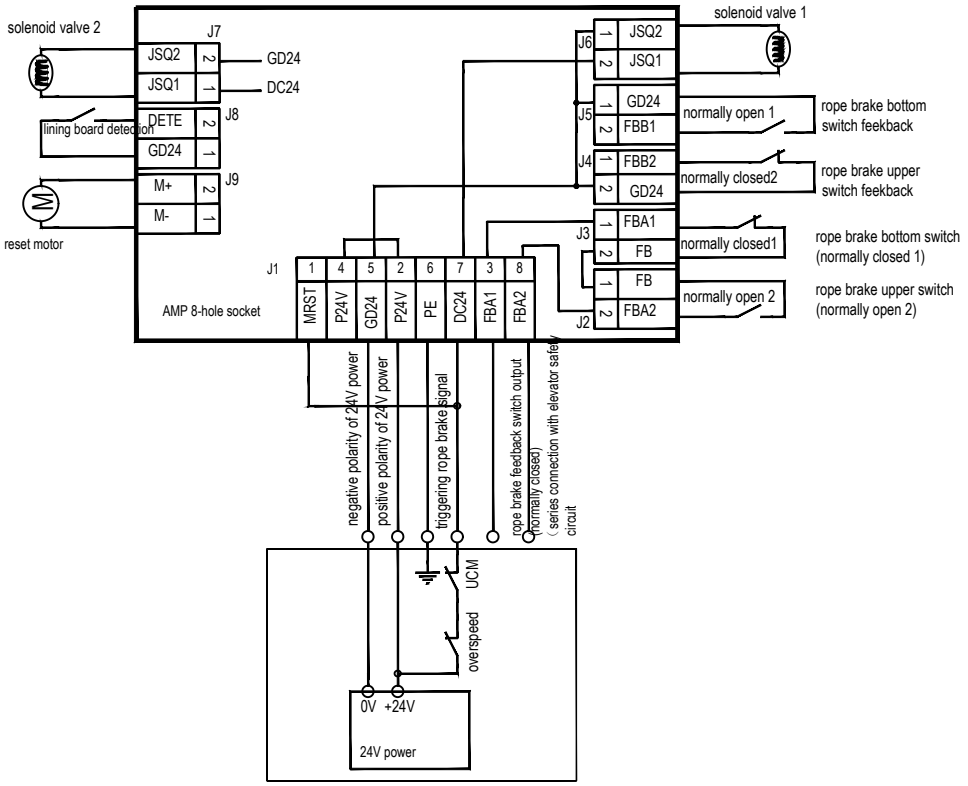
Fax: 901-290-1680

Wiring method 1， reset signal can be controlled independently based on this wiring method, and can reset whenever it receives reset signal



Wiring method 2, after the reset of UCM and overspeed, then the rope brake begins to rest. The reset signal cannot be controlled independently



Note：
1.Reset condition: reset connector (MRST) receives a high electrical-lever from low electrical-level, then run a reset
2.Normal power-off: the rope brake is triggered and grips the rope, when the power is on, 24V will get to MRST through car overspeed and UCM, the rope brake resets.
3. When overspeed or UCM occurs: break off the overspeed or UCM, and eliminate the failures, then can open the rope brake through reset button, reset the overspeed and CUM, after putting through the overspeed and UMC, the rope brake will re-reset and enter into standby status.

Note: reset signal should be high electrical-level, other input signal should be low electrical-level

DRAWING NO:	RBK20-194050-165		Sheet 2 of 2
DESCRIPTION:	Standard Rope Brake 165		
	MATERIALS: ASSEMBLY		Scale: NTS
All Dimensions are in mm [Inches]			
Date	Rev.	ECO #	Des/App
9/15/20	-	-	JZ/SY

GENERAL TOLERANCES:

>6-30mm:	±1 [0.039]
>30-120mm:	±1.5 [0.059]
>120-400mm:	±2.5 [0.098]
>400-1000mm:	±4 [0.157]
>1000-2000mm:	±6 [0.236]

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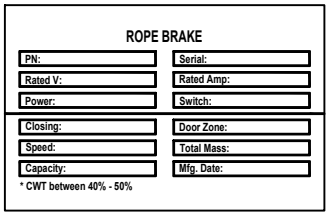
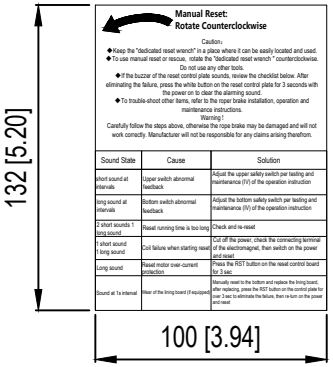
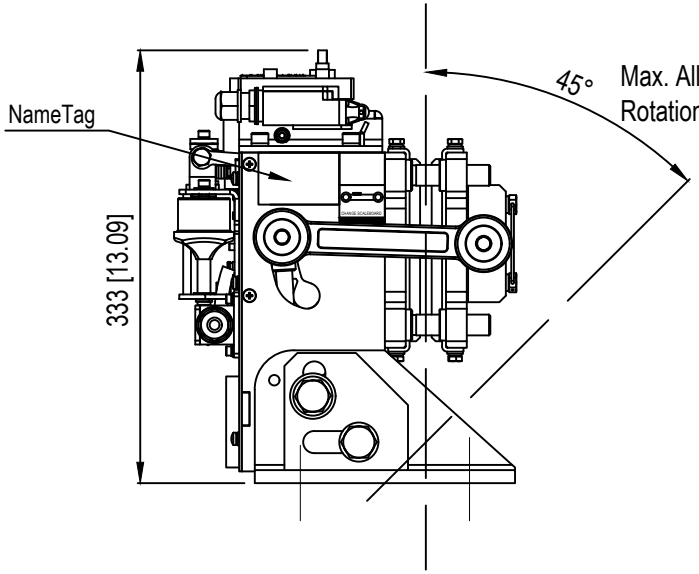
Part Number	Roping	Mx Full Load Mass (lb)	Max Speed (fpm)	Lining Width (in)	Dimension Pc (in)	Weight (lb/set)	Grooves
RBK30-233050-1/2	1:1	23320	500	7.9	10.5 X12.7X13	88	10X1/2"X3/4" (pitch)
RBK30-233050-5/8	1:1	23320	500	7.9	10.5 X12.7X13	88	8X5/8"X1" (pitch)
RBK30-233050-10mm	1:1	23320	500	7.9	10.5 X12.7X13	88	10X10mmX16mm (pitch)

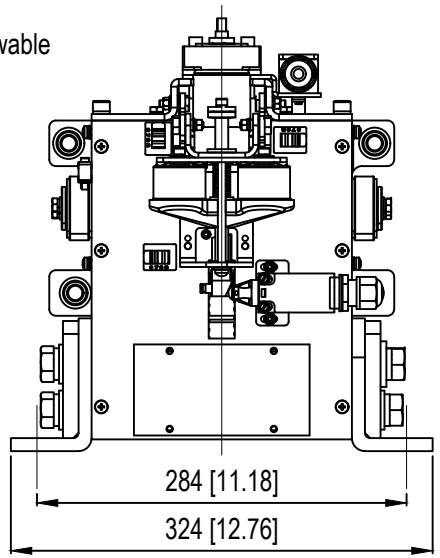
NameTag

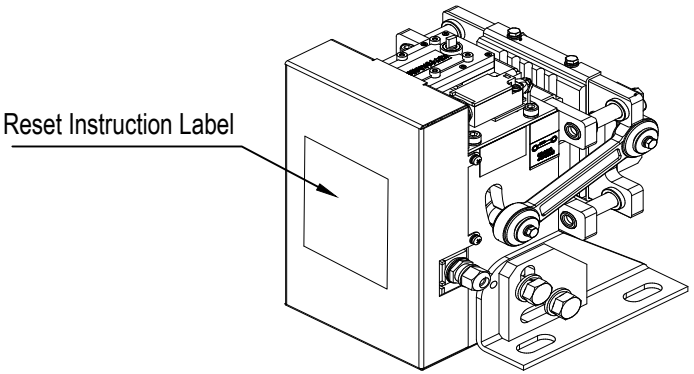


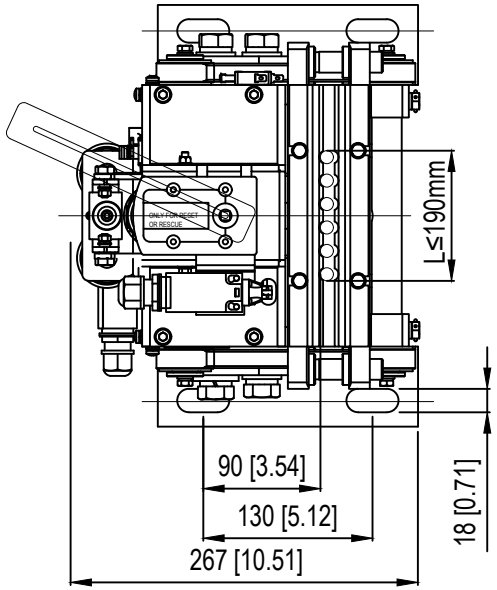
Reset Instruction Label











NOTE:

1. Use UL certified switch (SND4111SP-C-R) and cables.
2. UCMP detection distance≤ ± 150mm; UCMP response time≤150ms;
3. The diameter of the traction rope is Ø8-Ø16; L is the distance of the outermost edge of the traction wire rope group, L≤155mm.
4. The rope clamp needs to be matched with the control signals of the overspeed of the speed limiter and the detection system of the accidental movement of the car. The principle of the dedicated control board interface circuit is shown on Page 2 (see the product specification for details)
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7. After the rope clamp is activated, a professional should remove the fault and check the wear of the brake lining, and then perform the reset operation before it can run again.
8. When replacing the friction plate, it must be the same model and specification, and strictly follow the product instructions.
9. Supply voltage 24V ± 10%, standby current 250mA ± 10%, reset current ≥3.5A.
10. The 33 pins are sent to the site for installation with the accessories.

DRAWING NO:	RBK30-233050-200		Sheet 1 of 2
DESCRIPTION:	Standard Rope Brake 200		
	MATERIALS: ASSEMBLY		Scale: NTS
All Dimensions are in mm [Inches]			

Date	Rev.	ECO #	Des/App
9/15/20	-	-	JZ/SY

GENERAL TOLERANCES:

>6-30mm:	±1 [0.039]
>30-120mm:	±1.5 [0.059]
>120-400mm:	±2.5 [0.098]
>400-1000mm:	±4 [0.157]
>1000-2000mm:	±6 [0.236]

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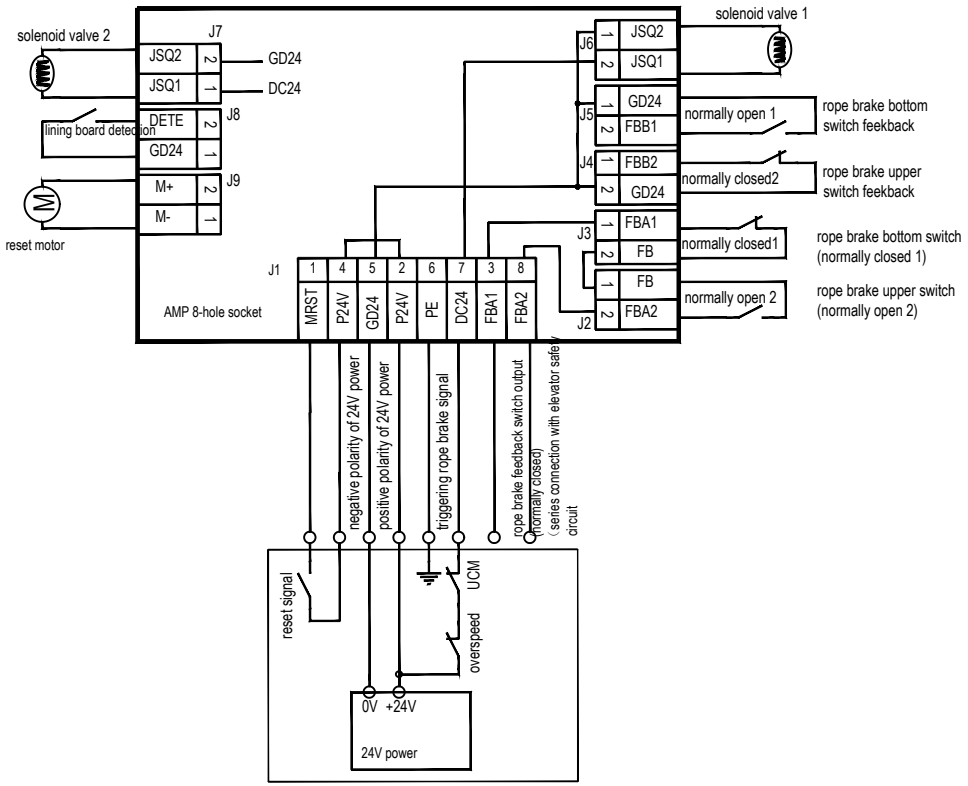
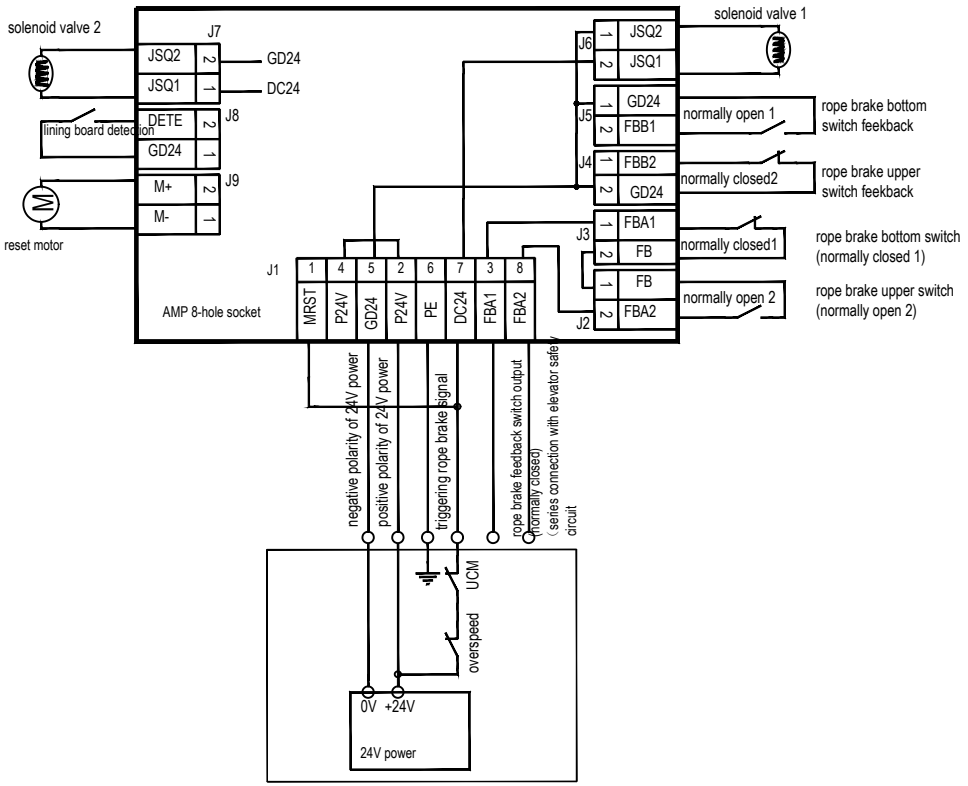
Wiring method 1， reset signal can be controlled independently based on this wiring method, and can reset whenever it receives reset signal



Wiring method 2, after the reset of UCM and overspeed, then the rope brake begins to rest. The reset signal cannot be controlled independently



Note：
1.Reset condition: reset connector (MRST) receives a high electrical-lever from low electrical-level, then run a reset
2.Normal power-off: the rope brake is triggered and grips the rope, when the power is on, 24V will get to MRST through car overspeed and UCM, the rope brake resets.
3. When overspeed or UCM occurs: break off the overspeed or UCM, and eliminate the failures, then can open the rope brake through reset button, reset the overspeed and CUM, after putting through the overspeed and UMC, the rope brake will re-reset and enter into standby status.

Note: reset signal should be high electrical-level, other input signal should be low electrical-level

DRAWING NO: RBK30-233050-200			Sheet 2 of 2
DESCRIPTION: Standard Rope Brake 200			
	MATERIALS: ASSEMBLY		Scale: NTS
All Dimensions are in mm [Inches]			
Date	Rev.	ECO #	Des/App
9/15/20	-	-	JZ/SY

GENERAL TOLERANCES:

>6-30mm:	±1 [0.039]
>30-120mm:	±1.5 [0.059]
>120-400mm:	±2.5 [0.098]
>400-1000mm:	±4 [0.157]
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