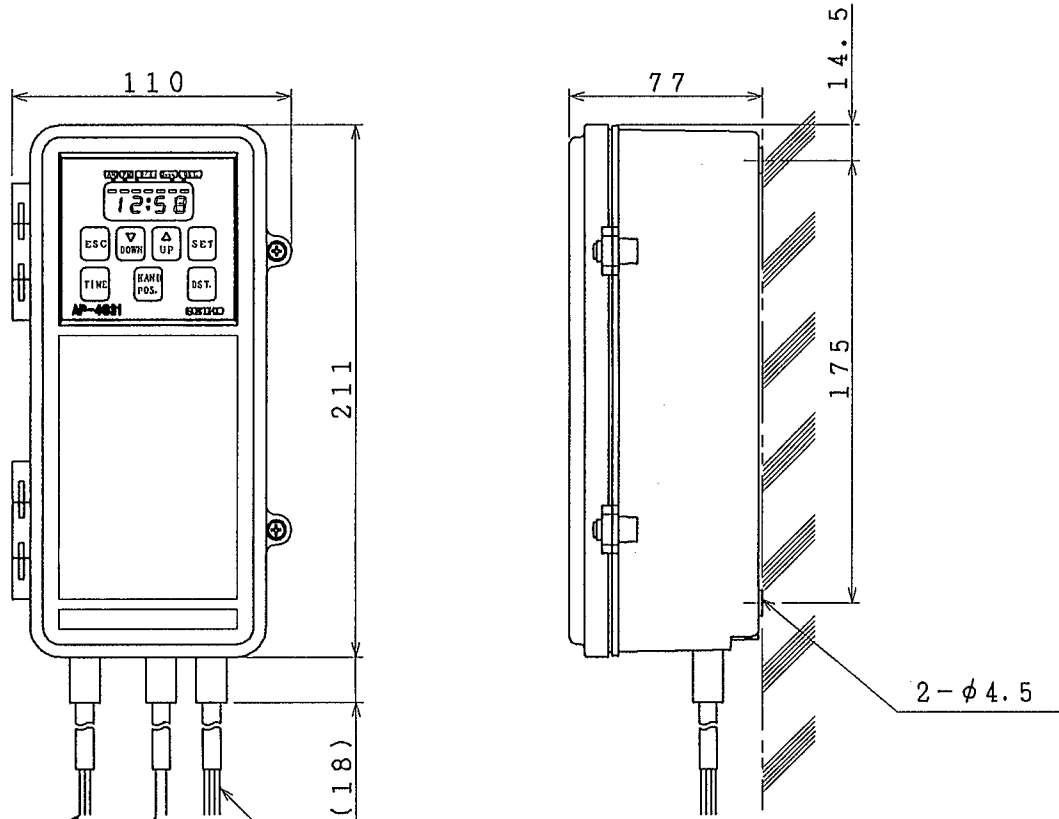


4-27851

Mark	Date	Revised No.	Remarks	Issued
DN	01.2.2	-		
1	.	-		
2	.	-		
3	.	-		



Power input (3C)
L ≒ 230m/m

Clock cable (4C)
L ≒ 230m/m

External synchronous input (2C)
L ≒ 230m/m

Signal type			
Clock cable	2C	CH1(+)	Yellow
		CH1(-)	Orange
		CH2(+)	Brown
		CH2(-)	Violet

Signal type		
External sync. input	+	Yellow
	-	Orange

Signal type		
Power Input	AC220V~	White
	AC240V	Black
	Earth line	Green

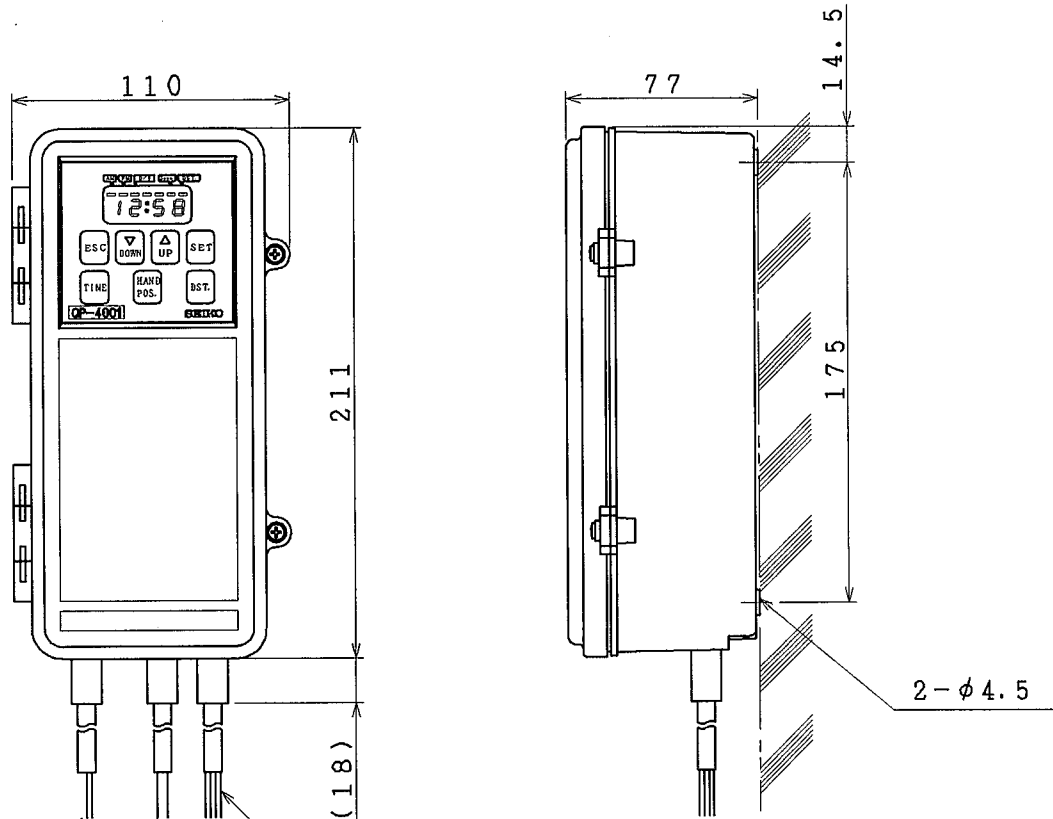
2-φ4.5

weight ≒ 820g

APPO	CKD	DN	DR	TR	1/3	AP-4031
				Y. MIYATA		OUTSIDE VIEW
セイコープレジジョン株式会社 SEIKO Precision Inc.					3RD ANGLE PROJ	4-27851

4-28030

Mark	Date	Revised No.	Remarks	Issued
DWN	01.06.19	-		
1	.	-		
2	.	-		
3	.	-		



Solar cable(2C)
L ≒ 230m/m

Clock cable(4C)
L ≒ 230m/m

External synchronous input(2C)
L ≒ 230m/m

Signal type

Clock cable	2C	CH1(+)	Yellow
		CH1(-)	Orange
		CH2(+)	Brown
		CH2(-)	Violet

Signal type

External sync.input	+	Yellow
	-	Orange

Signal type

Solar cable	+	Red
	-	White

weight ≒ 530g

APPO	CKD	DN	DR	TR	1 / 3	QP-4001
	M.SHINOMIYA			S.SHIMAZAKI		OUTSIDE VIEW
Seiko Time Systems Inc.					3RD ANGLE PROJ	4-28030

精工精密(香港)有限公司

SEIKO PRECISION (Hong Kong) Ltd.

Specification of Outdoor clock movement system with solar battery

QP-4001 (Solar Controller)

SEIKO Precision (Hong Kong) Ltd.

Operation Frequency	Quartz: 4.194304 MHz
Accuracy	± 3 seconds / month (+ 5°C ~ + 45°C)
Working temp' range	-20°C ~ +60°C
	(Batter charging : 0°C ~ + 45°C)
Storage temp' range	- 25°C ~ + 60°C
Usable humidity	Max 90% (+ 40°C)
Storage humidity	Max 90% (+ 45°C)
Solar panel	Max power : 450mW
	Released Voltage : 6.8V
	Short-circuit current : 94mA
	Available location to use : Places where the solar batter can receive sunlight between 10:00 am and 2:00 pm (4 hrs) throughout the year.
Signal for movement operation	DC3.6V 2channels
Battery consumption	2W (at the maximum time)
Output current	40mA/ch (Φ 500 ~ Φ 700)
Working time without sunlight after maximum charged	60 days (for 1 face)
Additional function	1) one external movement control
	2) Summertime adjustment
	3) Manual time accuracy control
Secondary Batter	Nickel-Cadmium (3.6V 1300mAh)
Time display	LCD
Time adjustment	Automatic presetting by key-input
Outer Size	211 (H) x 110 (W) x 80 (D) mm
Weight	approx. 530g
Available clock size	MAX 700mm (depending upon the design and weight of hands)