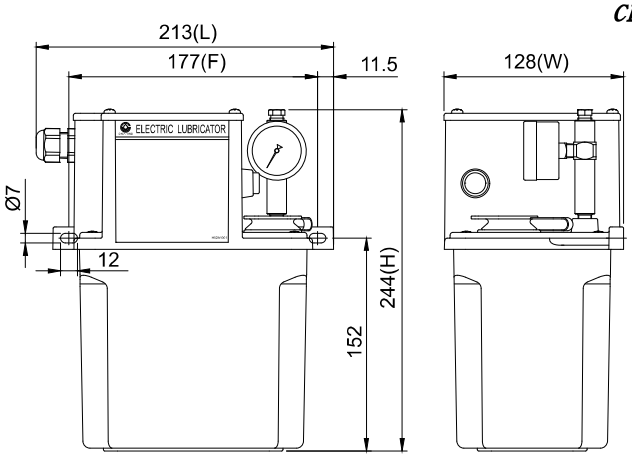
CEN03 Pressure-Relief Type Oil Electric Lubricator

PLC

CHEN YING



CEN03-01-C-3



Dimensional Drawing of CEN03-01-C-3

◆Features

1. The operation and interval time of CEN03 are controlled by PLC.
2. CEN03 has to work with volume distributors to deliver the metered quantity of oil to the lubrication point.
3. CEN03 has a pressure gauge that enables the user to check the operating pressure easily.
4. CEN03 has an 8kgf/cm² NC contact socket pressure switch that detects the operating pressure automatically and sends signals when the pressure is below the preset value.
5. CEN03 has a NC contact float switch that detects the oil level automatically and sends signals when the oil level is low.
6. CEN03 has a spark quencher that prevents the spark of switch contacts and the interference of surge voltage with the PLC and prolongs the service life.
7. CEN03 has a feed-oil button, which can be used as manual oil feeding for less than 3 minutes to avoid overloading the motor.
8. CEN03 has a thermal control that shuts down the motor for about 5 minutes when the motor is overheated.

◆Order Code

CEN03 — 01 — C — 3 — ※

Tank Capacity (Material)	
01	2L (Resin)
02	2L (Alum.)
03	3L (Resin)
04	4L (Resin)
05	4L (Alum.)
08	8L (Iron)

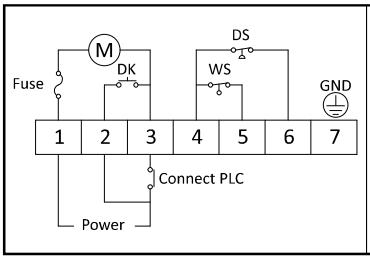
Voltage	
A	110V, 60Hz
B	220V, 50Hz
C	220V, 60Hz

Discharge Bore	
0	Ø4
1	Ø6
2	Ø4 W/P.G.
3	Ø6 W/P.G.

※ P.G. = Pressure Gauge

Special Request	
B	Add a Buzzer
PO	NO Contact Pressure Switch
SO	NO Contact Float Switch
Z	Increase Discharge Volume to 260cc/min

◆Wiring Diagram



M = Motor
GND = Ground
WS = Float Switch
DK = Feed-Oil Button
DS = Pressure Switch

◆Dimensional Data

Tank Capacity	Tank Material	Length (mm)	Width (mm)	Height (mm)	Fixed Hole Distance (mm)	N.W. (kg)
2L	Resin	213	128	244	177	3.45
2L	Alum.	221	150	234	95x200	4.56
3L	Resin	227	167	248	205	3.91
4L	Resin	277	162	259	250	4.35
4L	Alum.	297	170	253	95x280	5.35
8L	Iron	355	201	270	95x338	8.00

◆Technical Data

Motor Power	30±3W	
Voltage	110V	220V
Ampere	2A	1A
Hertz	60Hz	50Hz, 60Hz
Max. Discharge Volume	130cc/min, 260cc/min	
Max. Operating Pressure	15kgf/cm²	
Discharge Bore	Ø4, Ø6	
Float Switch	NC Contact (NO Contact on request)	
Pressure Switch	NC Contact (NO Contact on request)	
Suitable Viscosity	Oil, 32-68 cSt@40°C	

◆Related Products


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