Raqamli ko‘p funksiyali vaqt relesi

DRS-08-XX | ESS Electrical Solutions | Foydalanish bo‘yicha yo‘riqnoma

1. Vazifasi

DRS-08-XX vaqt relesi yuklamani belgilangan vaqt bo‘yicha yoqish va o‘chirishni boshqarish uchun mo‘ljallangan. Sanoat, turar joy va ishlab chiqarish obyektlarida qo‘llanadi.

2. Vaqt va ish rejimini sozlash

1-misol: yuklamani 5 daqiqadan so‘ng yoqish. SET va ▲ tugmalarini bir vaqtda bosib turing, so‘ng ▲ orqali F1 rejimini tanlang. SET bilan tasdiqlang. ▲ orqali M (daqiqa) diapazonini tanlang va SET ni bosing. ▲ tugmasi yordamida 5 qiymatini kiriting, SET bilan tasdiqlang.

2-misol: 100 daqiqa ishlash, keyin 320 soniya o‘chish va siklni takrorlash. SET va ▲ ni bosib turing, F4 rejimini tanlang va SET bilan tasdiqlang. T1 uchun MM diapazonini, 10 qiymatini tanlang va SET ni bosing. T2 uchun SS diapazonini, 32 qiymatini tanlang va SET bilan tasdiqlang.

3. Vaqt diapazonlari

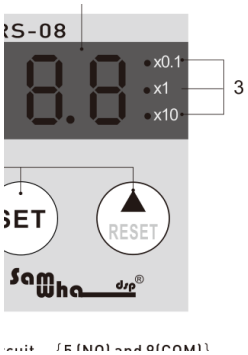
Belgi	Qadam / diapazon
S	1 × (1–99) son = 1–99 son
M	1 × (1–99) daq = 1–99 daq
H	1 × (1–99) soat = 1–99 soat
0.S	0,1 × (1–99) son = 0,1–9,9 son
0.M	0,1 × (1–99) daq = 0,1–9,9 daq
0.H	0,1 × (1–99) soat = 0,1–9,9 soat
SS	10 × (1–99) son = 10–990 son
MM	10 × (1–99) daq = 10–990 daq
HH	10 × (1–99) soat = 10–990 soat

Eslatma: ish rejimini o‘zgartirgandan so‘ng qurilmaning quvvatini o‘chirib, qayta yoqing. Aks holda yangi rejim faollashmasligi mumkin.

Ish rejimlari va boshqaruv paneli

4. Boshqaruv va ko‘rsatkichlar

SET: menyuga kirish va sozlamalarni tasdiqlash. ▲ / RESET: qiymatni o‘zgartirish va qo‘lda qayta tiklash. Indikatorlar: S — soniya, M — daqiqa, H — soat. ×0,1, ×1, ×10 vaqt ko‘lamini bildiradi. Displey sozlangan yoki joriy qiymatni ko‘rsatadi.



Asl yo‘riqnomadagi old panel ko‘rinishi.

5. F1–F4 funksiyalari

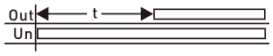
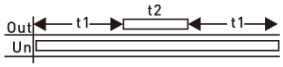
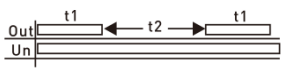
F1 — yoqishni kechiktirish Quvvat berilgach t vaqti sanaladi. t tugagach rele chiqishni yoqadi. Qayta ishga tushirish uchun quvvatni uzing yoki qo‘lda qayta tiklang.

F2 — o‘chirishni kechiktirish Quvvat berilganda chiqish darhol yoqiladi. t tugagach rele chiqishni o‘chiradi. Takrorlash uchun qayta tiklash kerak.

F3 — davriy rejim (avval yoqish) Chiqish darhol yoqiladi. T1 tugagach o‘chadi, T2 tugagach qayta yoqiladi. Sikl cheksiz takrorlanadi.

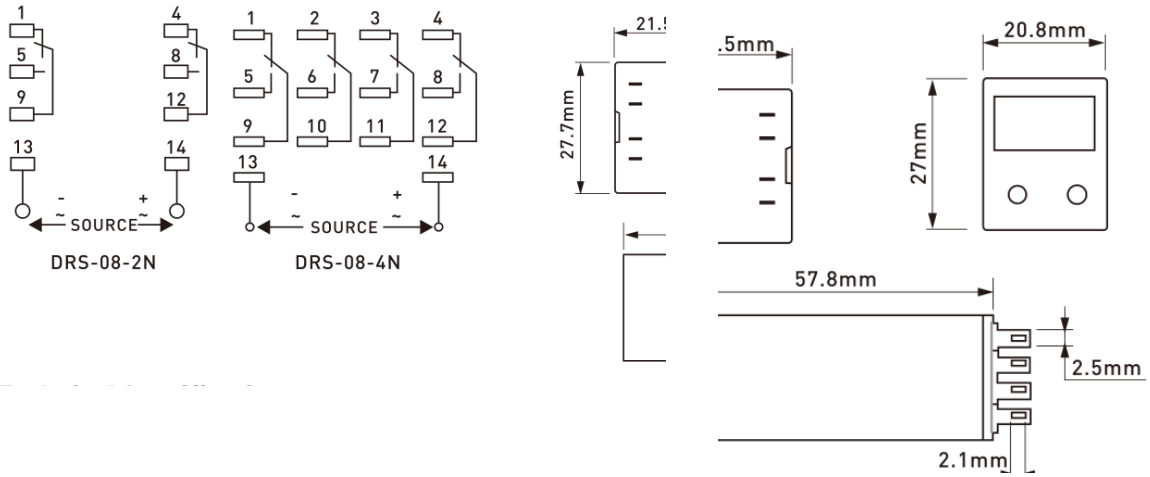
F4 — davriy rejim (avval kutish) Dastlab chiqish o‘chirilgan holatda T1 sanaladi. So‘ng T2 davomida chiqish yoqiladi va qayta o‘chadi. Sikl takrorlanadi.

Asl yo‘riqnomadagi F1–F4 vaqt diagrammalari:

FUNCTION	CHARACTERISTIC FUNCTION	DESCRIPTION
-F1- ON Delay		After the device is powered on, the delay starts, relay is output after the delay ends. Re-execution requires power-off reset or manual reset.
-F2- OFF Delay		After the device is powered on, relay is output immediately, delay starts, after the delay ends relay stop output. Re-execution requires power-off reset or manual reset.
-F3- Flashing Timer (t=ton=toff)		After the device is powered on, relay immediately output, T1 delay starts, after the delay end the relay stop outputs, T2 delay starts, after the delay end the relay outputs. (Infinite loop)
-F4- Flashing Timer (t=toff=ton)		After the device is powered on, T1 delay starts, after the delay end the relay outputs, T2 delay starts, after the delay end the relay stop outputs.(Infinite loop)

Ulash va texnik ma’lumotlar

6. Ulanish sxemasi va o‘lchamlar



Chapda: DRS-08-2N va DRS-08-4N ulanish sxemalari. O‘ngda: o‘lchamlar (mm). Faqat aniq model belgilari va asl sxemasiga muvofiq ulang.

7. Texnik xususiyatlar

Parametr	Qiymat
Ta’minot kuchlanishi (13–14 kontaktlar)	6 / 12 / 24 / 36 / 110 / 220 V DC; 24 / 110 / 220 / 380 V AC
Iste’mol quvvati	≤ 6 VA
Ish harorati	−20...+55 °C
Vaqt diapazoni	0,1 son – 990 soat
Displey	2 LED raqam
O‘rnatish	Rozetkali (soketli) o‘rnatish
Og‘irligi	45 g (2N); 47 g (4N)
Kontaktlar	5 A / 250 V AC (rezistiv yuklama)
O‘rnatish balandligi	≤ 2000 m
Sim kesimi	2,5 mm²

8. Kontaktlarning holati

Rele ishga tushganda COM–NC kontaktlari uziladi, COM–NO kontaktlari ulanadi; rele o‘chganda buning aksi bo‘ladi. DRS-08-2N va DRS-08-4N uchun kontakt raqamlarini qurilma sxemasidan tekshiring.

9. Xizmat ko‘rsatish va ogohlantirishlar

Xizmat ko‘rsatishdan oldin quvvatni uzing va qurilmani ajrating. Korpusni quruq yumshoq mato bilan arting; kuchli kimyoviy moddalarni ishlatmang. Namlikdan saqlang. Elektr zanjiriga oson yetib boriladigan joyda kalit va avtomatik himoya apparatini o‘rnating. Montaj va ulanishlarni malakali mutaxassis tekshirishi kerak.

Eslatma: qiymatlar va kontakt belgilari taqdim etilgan inglizcha hujjatdan olindi. Ulashda qurilma markirovkasi va aniq model pasporti ustuvor hisoblanadi.