

It is possible to use the

N with the N-wire.

E1YM400VS10 in a single

phase network (L-N = 230V~)

when all terminals L1+L2+L3

are connected to L and terminal

trigger terminal B1 of the timer

must be taken from the voltage applied to A1, and should not differ for more than 10%.

For reliable operation it is highly insensitive against interfering voltages.

expected contact wear. Especially when the repetition is within less than one minute.

contacts, a simple layout of the contactor circuit which is easy to commission.

For contact protection against inductive surge from the contactor coils, please refer to the contactor documentation for compatible RC-Circuits or Varistors.

It is not suitable if the power is supplied by converters delivering anything other than sinusoidal-shaped output.

During construction please double-check if maximal expected current matches with the overload capacity of the unit. as they are supplied from the same AC supply. In this case they must share the same common ground probe.

The E3TF01 may also be used as a contact protection relay for example for reed-contacts.

Type code E 3 M 10A 20 Measuring Measuring Additional Change over Function Series Housing function contacts category limit single phase voltage M Multi delayed single phase current e.g.: 230V U Under Latch 10 1 CO 17.5 mm Gamma 3-phase voltage (delta) Over Digital 20 2 CO D Υ Ε Enya 22.5 mm 3-phase voltage (star) 10A Window Thermistor Kappa 35.0 mm 3-phase current 400V12A Failure instantaneous Asym. Delta 45.0 mm Т Temperature PTC Flasher S Sequence 01 1 CO PT100 L Level S Star-Delta 02 2 CO B true power Cos Phi

