



| TYPE DESIGNATION | E1Z1E10 | E1Z1R10 | E1Z1ER10 | E1Z1I0 | E3Z120 | E3ZS20 |
|------------------|---------|---------|----------|--------|--------|--------|
|------------------|---------|---------|----------|--------|--------|--------|

ORDER INFORMATION

| | | | | | | |
|--------------------------|---------|---------|---------|--------|--------|--------|
| Art. No. single package | - | - | - | 110101 | 111101 | 111300 |
| Art. No. package 10 pcs. | 110204A | 110205A | 110208A | - | - | - |

FUNCTIONALITY

| | ON delay | OFF delay | ON/OFF delay | asymmetric flasher | asymmetric flasher | star-delta |
|------------------------------------------------------------------------|----------|-----------|--------------|--------------------|--------------------|------------|
| E ON delay | ■ | | | | | |
| R OFF delay | | ■ | | | | |
| ER ON delay + OFF delay with control contact | | | ■ | | ■ | |
| EWu ON delay single shot leading edge, voltage-controlled | | | | | ■ | |
| Ws Single shot leading edge with testkey | | | | | | |
| EWs ON delay single shot leading edge with control contact | | | | | ■ | |
| lp Asymmetric flasher pause first | | | | ■ | ■ | |
| li Asymmetric flasher pulse first | | | | ■ | ■ | |
| Wt Pulse repetition analysis | | | | | ■ | |
| WsWa Single shot leading and trailing edge with control contact | | | | | ■ | |
| S Star-delta start-up (wye-delta) | | | | | | ■ |

POWER SUPPLY CIRCUIT

| | | | | | | |
|-----------------|-----------------|--|--|-----------------|-----------------|-----------------|
| Supply voltage | 24 – 240V AC/DC | | | 12 – 240V AC/DC | 12 – 240V AC/DC | 12 – 240V AC/DC |
| Frequency range | 48 – 63 Hz | | | | | |

TIME CIRCUITS

| | | | | | | |
|---------------|--------------|---|-----------|-----------|-----------|-------------|
| Time ranges | 7 | 7 | 7 | 7 | 7 | 4 |
| Setting range | 0.05s – 100h | | 1s – 100h | 1s – 100h | 1s – 100h | 0.5s – 3min |

INPUT CIRCUIT

| | | | | | | |
|---------------|--|---|---|---|---|--|
| Trigger input | | ■ | ■ | ■ | ■ | |
|---------------|--|---|---|---|---|--|

OUTPUT CIRCUIT

| | | | | | | |
|--------------------|-----------------------|------|------|-----------------------|-----------------------|-----------------------|
| Contacts | SPDT | SPDT | SPDT | SPDT | DPDT | DPDT |
| Switching capacity | 2000VA (8A / 250V AC) | | | 2000VA (8A / 250V AC) | 2000VA (8A / 250V AC) | 2000VA (8A / 250V AC) |

DESIGN

| | | | | | | |
|--------------------|---------------------------------|----------------|----------------|----------------|-------------------------------|----------------|
| Dimensions (W×H×D) | 0.69×2.43×2.56in (17,5×87×65mm) | | | | 1.38×2.43×2.56in (35×87×65mm) | |
| Certificates | CE, cULus, EAC | CE, cULus, EAC | CE, cULus, EAC | CE, cULus, EAC | CE, cULus, EAC | CE, cULus, EAC |

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ENYA SERIES TIME DELAY RELAYS



| TYPE DESIGNATION | E1ZM10 12-240V | E1ZM10 24-240V | E1ZMQ10 | E1ZMW10 | E3ZM20 |
|------------------|----------------|----------------|---------|---------|--------|
|------------------|----------------|----------------|---------|---------|--------|

ORDER INFORMATION

| | | | | | |
|----------------------------------|---------|---------|---------|---------|--------|
| Art. No. single package | 110100 | 110200 | 110202 | - | 111100 |
| Art. No. packaging unit (10 pcs) | 110100A | 110200A | 110202A | 110206A | - |

FUNCTIONALITY

| | multifunction | multifunction | 4-function | multifunction | multifunction |
|------------------------------------------------------------------------|---------------|---------------|------------|---------------|---------------|
| E ON delay | ■ | ■ | ■ | ■ | ■ |
| R OFF delay | ■ | ■ | ■ | ■ | ■ |
| Es ON delay with control contact | ■ | ■ | ■ | | ■ |
| Wu Single shot leading edge, voltage-controlled | ■ | ■ | ■ | ■ | ■ |
| Ws Single shot leading edge with control contact | ■ | ■ | | ■ | ■ |
| Wa Single shot trailing edge with control contact | ■ | ■ | | ■ | ■ |
| Bp Flasher pause first | ■ | ■ | | | ■ |
| Wt Pulse repetition analysis | | | | ■ | |
| WsWa Single shot leading and trailing edge with control contact | | | | ■ | |

POWER SUPPLY CIRCUIT

| | | | | | |
|----------------|---------------|---------------|---------------|---------------|---------------|
| Supply voltage | 12–240V AC/DC | 24–240V AC/DC | 24–240V AC/DC | 24–240V AC/DC | 12–240V AC/DC |
| Frequency | 48–63Hz | | | | |

TIME CIRCUITS

| | | | | | |
|---------------|------------|--|--|--|--|
| Time ranges | 7 | | | | |
| Setting range | 0.05s–100h | | | | |

INPUT CIRCUIT

| | | | | | |
|---------------|---|---|---|---|---|
| Trigger input | ■ | ■ | ■ | ■ | ■ |
|---------------|---|---|---|---|---|

OUTPUT CIRCUIT

| | | | | | |
|--------------------|-----------------------|------|------|------|------|
| Contacts | SPDT | SPDT | SPDT | SPDT | DPDT |
| Switching capacity | 2000VA (8A / 250V AC) | | | | |

DESIGN

| | | | | | |
|--------------------|----------------------------------|----------------|----------------|----------------|--------------------------------|
| Dimensions (W×H×D) | 0.69×2.43×2.56 in (17.5×87×65mm) | | | | 1.38×2.43×2.56 in (35×87×65mm) |
| Certificates | CE, cULus, EAC | CE, cULus, EAC | CE, cULus, EAC | CE, cULus, EAC | CE, cULus, EAC |



TYPE DESIGNATION

V2ZM10 V2ZQ10 V2ZI10 V2ZE10 V2ZR10 V2ZA10 V2ZS20

ORDER INFORMATION

| | | | | | | | |
|----------------------------------|---------|---------|--------|---------|---------|--------|--------|
| Art. No. | 125100 | 125150 | 125200 | 125110 | 125120 | 125500 | 125300 |
| Art. No. packaging unit (10 pcs) | 125100A | 125150A | - | 125110A | 125120A | - | - |

FUNCTIONALITY

| | multifunction | 4-function | flasher | ON delay | OFF delay | 5-function | star-delta |
|---------------------------------------------------------------|---------------|------------|---------|----------|-----------|------------|------------|
| E ON delay | ■ | ■ | | ■ | | ■ | |
| R OFF delay | ■ | ■ | | | ■ | | |
| A OFF delay without auxiliary voltage | | | | | | ■ | |
| Es ON delay with control contact | ■ | | | | | | |
| Wu Single shot leading edge, voltage-controlled | ■ | ■ | | | | | |
| nWu Maintained single shot leading edge | | | | | | ■ | |
| Ws Single shot leading edge with control contact | ■ | | | | | | |
| Wa Single shot trailing edge with control contact | ■ | | | | | | |
| nWa Maintained single shot trailing edge | | | | | | ■ | |
| nWuWa Maintained single shot leading and trailing edge | | | | | | ■ | |
| Bi Flasher pulse first | ■ | | | | | | |
| Bp Flasher pause first | ■ | ■ | | | | | |
| Wt Pulse repetition analysis | ■ | | | | | | |
| Ec Additive ON delay | ■ | | | | | | |
| li Asymmetric flasher pulse first | | | ■ | | | | |
| lp Asymmetric flasher pause first | | | ■ | | | | |
| S Star-delta start-up (wye-delta) | | | | | | | ■ |

SUPPLY CIRCUIT

| | | | | | | | |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Supply voltage | 12 – 240V AC/DC | 24 – 240V AC/DC | 12 – 240V AC/DC | 12 – 240V AC/DC | 12 – 240V AC/DC | 24 – 240V AC/DC | 12 – 240V AC/DC |
| Frequency range | 48 – 63 Hz | | | | | | |

TIME CIRCUITS

| | | | | | | | |
|---------------|--------------|--|--|--|--|-------------|--------------|
| Time ranges | 10 | | | | | 4 | |
| Setting range | 0.05s – 100h | | | | | 0.1s – 3min | 0.05s – 3min |

INPUT CIRCUIT

| | | | | | | | |
|---------------|---|---|---|--|---|--|--|
| Trigger input | ■ | ■ | ■ | | ■ | | |
|---------------|---|---|---|--|---|--|--|

OUTPUT CIRCUIT

| | | | | | | | |
|--------------------|-----------------------|------|-----------------------|-----------------------|------|-----------------------|----------------------|
| Contacts | SPDT | SPDT | SPDT | SPDT | SPDT | SPDT | SPDT |
| Switching capacity | 2000VA (8A / 250V AC) | | 1250VA (5A / 250V AC) | 1250VA (5A / 250V AC) | | 1250VA (5A / 250V AC) | 750VA (3A / 250V AC) |

DESIGN

| | | | | | | | |
|--------------------|-----------------------------------|--|--|--|--|--|--|
| Dimensions (W×H×D) | 0.88×2.64×2.99 in (22.5×67×76 mm) | | | | | | |
| Certificates | CE, cULus, EAC | | | | | | |

GAMMA SERIES TIME DELAY RELAYS



| TYPE DESIGNATION | G2ZM20 | G2ZMF11 | G2ZI20 | G2ZIF20 | G2ZS20 |
|------------------|--------|---------|--------|---------|--------|
|------------------|--------|---------|--------|---------|--------|

ORDER INFORMATION

| | | | | | |
|----------|--------|--------|--------|--------|--------|
| Art. No. | 120401 | 120103 | 120501 | 120201 | 120301 |
|----------|--------|--------|--------|--------|--------|

FUNCTIONALITY

| | multifunction | multifunction | 2-time multifunction | 2-time multifunction | star-delta |
|------------------------------------------------------------------------|---------------|---------------|----------------------|----------------------|------------|
| E ON delay | ■ | ■ | | | |
| R OFF delay | ■ | ■ | | | |
| ER ON delay and OFF delay with control contact | | | ■ | ■ | |
| Es ON delay with control contact | ■ | ■ | | | |
| Wu Single shot leading edge, voltage-controlled | ■ | ■ | | | |
| Ws Single shot leading edge with control contact | ■ | ■ | | | |
| Wa Single shot trailing edge with control contact | ■ | ■ | | | |
| EWu ON delay single shot leading edge, voltage-controlled | | | ■ | ■ | |
| EWs ON delay single shot leading edge with control contact | | | ■ | ■ | |
| WsWa Single shot leading and trailing edge with control contact | | | ■ | ■ | |
| Bi Flasher pulse first | ■ | ■ | | | |
| Bp Flasher pause first | ■ | ■ | | | |
| li Asymmetric flasher pulse first | | | ■ | ■ | |
| lp Asymmetric flasher pause first | | | ■ | ■ | |
| S Star-delta start-up (wye-delta) | | | | | ■ |

POWER SUPPLY CIRCUIT

| | | | | | |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Supply voltage | 12 - 240V AC/DC | 24 - 240V AC/DC | 12 - 240V AC/DC | 24 - 240V AC/DC | 24 - 240V AC/DC |
| Frequency range | 48-63Hz | | | | |

TIME CIRCUITS

| | | | | | |
|---------------|------------|------------|------------|-----------|------------|
| Time ranges | 7 | 16 | 7 | 10 | 4 |
| Setting range | 0.05s-100h | 0.05s-30 d | 0.05s-100h | 0.05s-10h | 0.05s-3min |

INPUT CIRCUIT

| | | | | | |
|----------------------------|---|---|---|---|--|
| Trigger input | ■ | ■ | ■ | ■ | |
| Remote potentiometer input | | ■ | | ■ | |

OUTPUT CIRCUIT

| | | | | | |
|--------------------|-----------------------|---------|------|------|------|
| Contacts | DPDT | 2x SPDT | DPDT | DPDT | DPDT |
| Switching capacity | 1250VA (5A / 250V AC) | | | | |

DESIGN

| | | | | | |
|--------------------|------------------------------------|--|--|--|--|
| Dimensions (W×H×D) | 0.88×3.54×4.25 in (22.5×90×108 mm) | | | | |
| Certificates | CE, cULus, EAC | | | | |