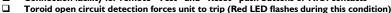
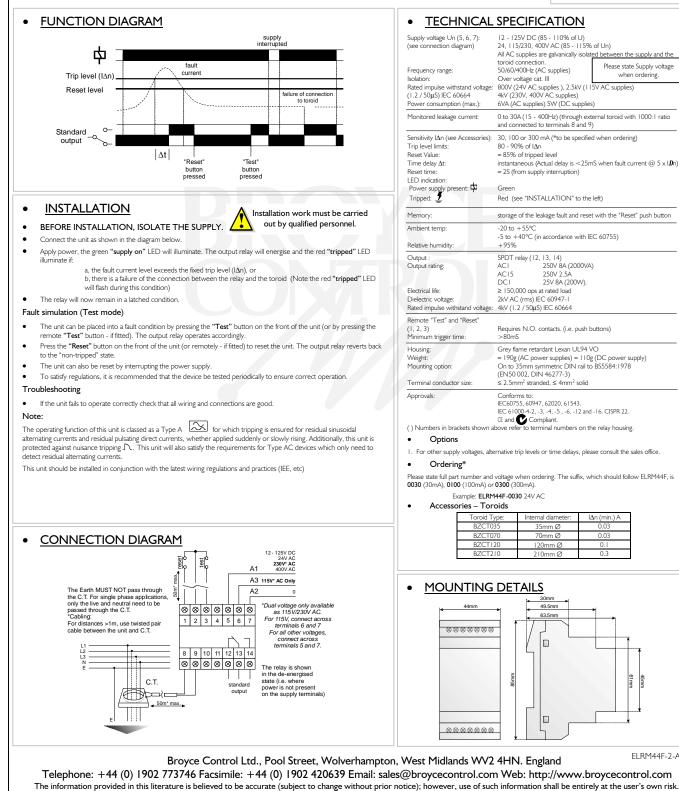
# Type: ELRM44F-0030, 0100 & 0300

Earth Leakage Relay (Fixed) - Type A

- 44mm (2.5 modules) wide DIN rail housing
- Designed to monitor and detect true RMS earth fault currents in conjunction with a separate toroid
- Microprocessor controlled with internal monitoring (self-checking)
- Fixed Sensitivity (IDn) - 30, 100 or 300mA\*
- Fixed Time Delay (Dt) - 0 (instantaneous)
- Separate "Test" and "Reset" push buttons
- Connection facility for remote "Test" and "Reset" push buttons or N.O. contacts



- SPDT relay output 8A
- LED indication of Supply and fault condition after unit has tripped



HERAID I -----Terminal Protection to IP20

Please state Supply voltage

when ordering.

lΔn (n

61 mr

FI RM44F-2-A

Dims

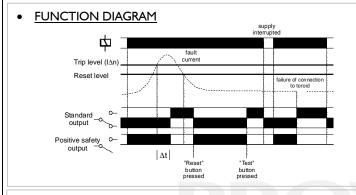
to DIN 43880

W. 44mm

# Type: ELRM44V-30

## Earth Leakage Relay (Variable) - Type A

- 44mm (2.5 modules) wide DIN rail housing
- Designed to monitor and detect true RMS earth fault currents (up to 30A) in conjunction with a separate toroid
- LED bargraph provides constant indication of any leakage current
- Microprocessor controlled with internal monitoring (self-checking)
- Adjustable Sensitivity (IDn) - 30mA to 30A
- Adjustable Time Delay (Dt) - 0 (instantaneous)\* to 10 seconds
- Separate "Test" and "Reset" push buttons Connection facility for remote "Test" and "Reset" push buttons or N.O. contacts
- Toroid open circuit detection forces unit to trip (Red LED flashes during this condition)
- 2 Relay outputs - Standard Output (S.O.) and Positive Safety Output (P.S.O.)
- LED indication of Supply status and fault condition after unit has tripped



#### INSTALLATION •

- Installation work must be carried out by qualified personnel. BEFORE INSTALLATION, ISOLATE THE SUPPLY.
- Connect the unit as shown in the diagram below (N.B. certain features may not be required and therefore do not need to be connected).
- Apply power, the green "supply on" LED will illuminate and the "positive safety output" relay will energise. The relay will de-energise if
  - a, the fault current level exceeds the set trip level ( $I\Delta n$ ) \*\*
  - b, there is a failure of the connection between the relay and the toroid \*\* (Note the red "tripped" LED will flash during this condition) c, the supply to the unit is removed
  - d, the relay fails internally
  - \*\* causes the "standard output" relay to energise in response to the fault condition
- Prior to a fault occurring, the LED bargraph will indicate the % of IΔn being detected (the display is scaled between 25, 50, and 75% of the actual trip level). After all 3 LED's have illuminated and the unit trips due to an excessive fault current, the red "tripped" LED will illuminate. The unit will now remain in a latched condition.

### Fault simulation (Test mode)

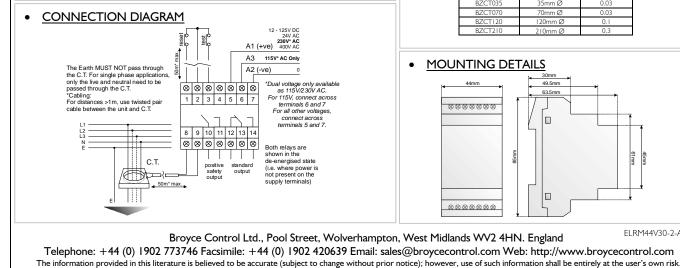
- The unit can be placed into a fault condition by pressing the "Test" button on the front of the unit (or by pressing the remote "Test" button - if fitted). The output relays operate accordingly.
- Press the "Reset" button on the front of the unit (or remotely if fitted) to reset the unit. The output relays revert back to their "non-tripped" state
- The unit can also be reset by interrupting the power supply.
  - To satisfy regulations, it is recommended that the device be tested periodically to ensure correct operation.

## Troubleshooting

If the unit fails to operate correctly check that all wiring and connections are good.

### Note:

The operating function of this unit is classed as a Type A for which tripping is ensured for residual sinusoidal alternating currents and residual pulsating direct currents, whether applied suddenly or slowly rising. Additionally, this unit is protected against nuisance tripping  $\mathcal{N}$ . This unit will also satisfy the requirements for Type AC devices which only need to detect residual alternating currents





Terminal Protection to IP20

toroid and remote test/reset con	olated between the supply and the Please state Supply voltag
Frequency range:	50/60/400Hz (AC supplies) when ordering.
Isolation:	Over voltage cat. III
Rated impulse withstand voltage:	: 800V (24V AC supplies ), 2.5kV (115V AC supplies)
(1.2 / 50μS) IEC 60664	4kV (230V, 400V AC supplies)
Power consumption (max.):	6VA (AC supplies) 5W (DC supplies)
Monitored leakage current:	0 to 30A (15 - 400Hz) (through external toroid with 1000:1 ratio
	and connected to terminals 8 and 9)
Sensitivity $I\Delta n$ (see Accessories)	30, 100, 300, 500mA, 1, 3, 5, 10, 20, 30A (user selectable)
Trip level limits:	80 - 90% of l∆n
Reset Value:	≈ 85% of tripped level
Time delay Δt: *A stual delay for "0" or "Instantor	0*, 60, 150, 250, 500, 800mS, 1, 2.5, 5, 10 sec. (user selectable) neous" is <25mS when fault current @ 5 x I <b>D</b> n.
"Actual delay lor 0 of Tristantal	neous is < zono when laur current @ 5 x 1 <b>0</b> 1.
Note:	
	me delay is fixed to 0 (instantaneous) and is not adjustable (i.e. any
other time delay cannot be selected	
<ol><li>The unit is factory set to 30mA made if pecessary to suit the requi</li></ol>	v trip and instantaneous delay. Adjustment of these settings can be uirements of the installation. A seal is supplied allowing the user to
	ice prevent any unnecessary adjustment of the settings.
Reset time:	$\approx$ 2S (from supply interruption)
LED indication: Power supply present:	Green
Bargraph:	Green x 3 (25, 50 and 75% of actual trip level)
Tripped:	Red (see "INSTALLATION" to the left)
Memory:	storage of the leakage fault and reset with the "Reset" push button
Ambient temp: Relative humidity:	-20 to +55°C (-5 to +40°C in accordance with IEC 60755) +95%
Output : Output rating:	I x SPNO, I x SPDT relays S.O. (12, 13, 14) P.S.O. (10, 11)
output laung.	ACI (250V) 8A (2000VA) 6A (1500VA)
	AC15 (250V) 2.5A 4A
	DCI (25V) 8A (200W) 6A (150W)
Electrical life:	≥ 150,000 ops at rated load
Dielectric voltage:	2kV AC (rms) IEC 60947-1
Rated impulse withstand voltage:	
	) Requires N.O. contacts. (i.e. push buttons)
Minimum trigger time:	$>$ 80mS (Actual trigger time = 80mS + $\Delta$ t setting for remote "tes
Housing:	Grey flame retardant Lexan UL94 VO
Weight:	$\approx$ 190g (AC power supplies) $\approx$ 110g (DC power supply)
Weight: Mounting option:	On to 35mm symmetric DIN rail to BS5584:1978
Mounting option:	On to 35mm symmetric DIN rail to BS5584:1978 (EN50 002, DIN 46277-3)
Mounting option: Terminal conductor size:	On to 35mm symmetric DIN rail to BS5584:1978 (EN50 002, DIN 46277-3) ≤ 2.5mm² stranded, ≤ 4mm² solid
Mounting option:	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) 2.5mm <sup>3</sup> stranded, 54mm <sup>2</sup> solid Conforms to: IEC60755, 60947, 62020, 61543.
Mounting option: Terminal conductor size:	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) ≤ 2.5mm² stranded, ≤ 4mm² solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 610 <u>0</u> 0-42, -3, -4, -5, -12 and -16. CISPR 22.
Mounting option: Terminal conductor size: Approvals:	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) ≤ 2.5mm <sup>3</sup> stranded, 5 4mm <sup>3</sup> solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 61020 4-2, -3, -4, -5, -6, -12 and -16. CISPR 22. € and € Compliant.
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) ≤ 2.5mm² stranded, ≤ 4mm² solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 610 <u>0</u> 0-42, -3, -4, -5, -12 and -16. CISPR 22.
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) \$2.5mm <sup>3</sup> stranded, \$4mm <sup>3</sup> solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 61000-42, -3, -4, -5, -6, -12 and -16, CISPR 22, C and C compliant. above refer to terminal numbers on the relay housing.
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) ≤ 2.5mm <sup>3</sup> stranded, 5 4mm <sup>3</sup> solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 61020 4-2, -3, -4, -5, -6, -12 and -16. CISPR 22. € and € Compliant.
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Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options I. For other supply voltages, alte • Accessories – Tor	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) \$2.5mm <sup>3</sup> stranded, \$4mm <sup>3</sup> solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 61020-42, -3, -4, -5, -6, -12 and -16. CISPR 22. (E and C Compliant. above refer to terminal numbers on the relay housing. ernative trip levels or time delays, please consult the sales office. roids
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options I. For other supply voltages, alte • Accessories – Tor Toroid T;	On to 35mm symmetric DIN rail to BS5584:1978         (ENS0 002, DIN 46277-3)         2.5mm <sup>3</sup> stranded, ≤ 4mm <sup>2</sup> solid         Conforms to: IEC60755, 60947, 62020, 61543.         IEC 61004-42, -3, -4, -5, -6, -12 and -16. CISPR 22.         Can C         Compliant.         above refer to terminal numbers on the relay housing.         ermative trip levels or time delays, please consult the sales office.         roids         ype:       Internal diameter:
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options I. For other supply voltages, alte • Accessories – Tor BZCT0	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3)           \$2.5mm <sup>3</sup> stranded, \$4mm <sup>3</sup> solid           Conforms to: IEC60755, 60947, 62020, 61543. IEC 610014-2, -3, -4, -5, -6, -12 and -16, CISPR 22. (£ and C Compliant. above refer to terminal numbers on the relay housing.           emative trip levels or time delays, please consult the sales office. roids           ype:         Internal diameter: Δn (min, ) A 355
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options I. For other supply voltages, alte • Accessories – Tor BZCT0	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3)           \$2.5mm <sup>3</sup> stranded, \$4mm <sup>3</sup> solid           Conforms to: IEC60755, 60947, 62020, 61543. IEC 610014-2, -3, -4, -5, -6, -12 and -16, CISPR 22. (£ and C Compliant. above refer to terminal numbers on the relay housing.           emative trip levels or time delays, please consult the sales office. roids           ype:         Internal diameter: Δn (min, ) A 355
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options I. For other supply voltages, alte • Accessories – Tor BZCT0	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3)           \$2.5mm <sup>3</sup> stranded, \$4mm <sup>3</sup> solid           Conforms to: IEC60755, 60947, 62020, 61543. IEC 610014-2, -3, -4, -5, -6, -12 and -16, CISPR 22. (£ and C Compliant. above refer to terminal numbers on the relay housing.           emative trip levels or time delays, please consult the sales office. roids           ype:         Internal diameter: Δn (min, ) A 355
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options I. For other supply voltages, alte • Accessories – Tor Toroid T;	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3)           \$2.5mm <sup>3</sup> stranded, \$4mm <sup>3</sup> solid           Conforms to: IEC60755, 60947, 62020, 61543. IEC 610014-2, -3, -4, -5, -6, -12 and -16, CISPR 22. (£ and C Compliant. above refer to terminal numbers on the relay housing.           emative trip levels or time delays, please consult the sales office. roids           ype:         Internal diameter: Δn (min, ) A 355
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options I. For other supply voltages, alte • Accessories – Tor Toroid T; BZCT0	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3)           \$2.5mm <sup>3</sup> stranded, \$4mm <sup>3</sup> solid           Conforms to: IEC60755, 60947, 62020, 61543. IEC 610014-2, -3, -4, -5, -6, -12 and -16, CISPR 22. (£ and C Compliant. above refer to terminal numbers on the relay housing.           emative trip levels or time delays, please consult the sales office. roids           ype:         Internal diameter: Δn (min, ) A 355
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options I. For other supply voltages, alte • Accessories – Tor BZCT0 BZCT0 BZCT0 BZCT0 BZCT2	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3)           ± 2.5mm <sup>3</sup> stranded, ± 4mm <sup>3</sup> solid           Conforms to: IEC60755, 60947, 62020, 61543. IEC 610014-2, -3, -4, -5, -6, -12 and -16, CISPR 22. (E and C Compliant. above refer to terminal numbers on the relay housing.           errative trip levels or time delays, please consult the sales office. roids           ype:         Internal diameter: ΔΔn (min,) A 325           35mm Ø         0.03           700         70mm Ø           20         120mm Ø           210         210mm Ø
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Tor BZCTT0 BZCTT0 BZCTT0 BZCTT2 MOUNTING	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3)           (ENS0 002, DIN 46277-3)           2.5mm <sup>3</sup> stranded, 54mm <sup>2</sup> solid           Conforms to: IEC60755, 60947, 62020, 61543.           IEC 61000-4-2, -3, -4, -5, -6, -12 and -16. CISPR 22.           Can Of Compliant.           above refer to terminal numbers on the relay housing.           ermative trip levels or time delays, please consult the sales office.           roids           ype:         Internal diameter: Lan (min.) A           35         35mm Ø         0.03           20         120mm Ø         0.1           210         210mm Ø         0.3
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a • Options I. For other supply voltages, alte • Accessories – Tor BZCT0 BZCT0 BZCT0 BZCT0 BZCT2	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) ≤ 2.5mm <sup>3</sup> stranded, 5 4mm <sup>3</sup> solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 61020-4.2, -3, -4, -5, -6, -12 and -16. CISPR 22. E and € Compliant. above refer to terminal numbers on the relay housing. ernative trip levels or time delays, please consult the sales office. roids ype: Internal diameter: LΔn (min, ) A 135 35mm Ø 0.03 20 120mm Ø 0.1 10 210mm Ø 0.1 10 210mm Ø 0.3 COMPARENTIES
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Torroid T BZCTT0 BZCTT0 BZCTT0 BZCTT2 MOUNTING	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3)           (ENS0 002, DIN 46277-3)           2.5mm <sup>3</sup> stranded, 54mm <sup>2</sup> solid           Conforms to: IEC60755, 60947, 62020, 61543.           IEC 61000-4-2, -3, -4, -5, -6, -12 and -16. CISPR 22.           Can Of Compliant.           above refer to terminal numbers on the relay housing.           ermative trip levels or time delays, please consult the sales office.           roids           ype:         Internal diameter: Lan (min.) A           35         35mm Ø         0.03           20         120mm Ø         0.1           210         210mm Ø         0.3
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Tor DazCTI BZCTI BZCTI BZCTI BZCTI BZCTI CTI	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) ≤ 2.5mm <sup>3</sup> stranded, 5 4mm <sup>3</sup> solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 61020-4.2, -3, -4, -5, -6, -12 and -16. CISPR 22. E and € Compliant. above refer to terminal numbers on the relay housing. ernative trip levels or time delays, please consult the sales office. roids ype: Internal diameter: Lan (min, ) A 35 35mm Ø 0.03 70 70mm Ø 0.03 20 120mm Ø 0.1 10 2.10mm Ø 0.3 • DETAILS • ODETAILS
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Torroid T BZCTT0 BZCTT0 BZCTT0 BZCTT2 MOUNTING	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) $\leq 2.5mm^3$ stranded, $\leq 4mm^3$ solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 610204-2, -3, -4, -5, -6, -12 and -16. CISPR 22. Earl C Compliant. above refer to terminal numbers on the relay housing. ernative trip levels or time delays, please consult the sales office. roids roids 700 70mm Ø 0.03 20 120mm Ø 0.1 10 210mm Ø 0.3 C COMPLETION OF CO
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Tor DazCTI BZCTI BZCTI BZCTI BZCTI BZCTI CTI	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) ≤ 2.5mm <sup>3</sup> stranded, 5 4mm <sup>3</sup> solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 61020-4.2, -3, -4, -5, -6, -12 and -16. CISPR 22. E and € Compliant. above refer to terminal numbers on the relay housing. ernative trip levels or time delays, please consult the sales office. roids ype: Internal diameter: Lan (min, ) A 35 35mm Ø 0.03 70 70mm Ø 0.03 20 120mm Ø 0.1 10 2.10mm Ø 0.3 DETAILS DETAILS
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Tor DazCTI BZCTI BZCTI BZCTI BZCTI BZCTI CTI	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) $\leq 2.5mm^3$ stranded, $\leq 4mm^3$ solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 610204-2, -3, -4, -5, -6, -12 and -16. CISPR 22. Earl C Compliant. above refer to terminal numbers on the relay housing. ernative trip levels or time delays, please consult the sales office. roids roids 700 70mm Ø 0.03 20 120mm Ø 0.1 10 210mm Ø 0.3 C COMPLETION OF CO
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Tor DazCTI BZCTI BZCTI BZCTI BZCTI BZCTI CTI	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) $\leq 2.5mm^3$ stranded, $\leq 4mm^3$ solid Conforms to: IEC60755, 60947, 62020, 61543. IEC 610204-2, -3, -4, -5, -6, -12 and -16. CISPR 22. Earl C Compliant. above refer to terminal numbers on the relay housing. ernative trip levels or time delays, please consult the sales office. roids roids 700 70mm Ø 0.03 20 120mm Ø 0.1 10 210mm Ø 0.3 C COMPLETION OF CO
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Tor DazCTI BZCTI BZCTI BZCTI BZCTI BZCTI CTI	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) $\leq 2.5mm^3 standed, \leq 4mm^2 solid$ Conforms to: IEC60755, 60947, 62020, 61543. IEC 61004-2, -3, -4, -5, -6, -12 and -16. CISPR 22. (E and Compliant. above refer to terminal numbers on the relay housing. ermative trip levels or time delays, please consult the sales office. <b>roids</b> <u>ype:</u> Internal diameter: <u>IAn (min.) A</u> <u>355 35mm Ø 0.03</u> <u>70 70mm Ø 0.03</u> <u>20 120mm Ø 0.1</u> <u>210 210mm Ø 0.3</u> <b>DETAILS</b>
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Tor DazCTI BZCTI BZCTI BZCTI BZCTI BZCTI CTI	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) $\leq 2.5mm^3 standed, \leq 4mm^2 solid$ Conforms to: IEC60755, 60947, 62020, 61543. IEC 61004-2, -3, -4, -5, -6, -12 and -16. CISPR 22. (E and Compliant. above refer to terminal numbers on the relay housing. ermative trip levels or time delays, please consult the sales office. <b>roids</b> <u>ype:</u> Internal diameter: <u>IAn (min.) A</u> <u>355 35mm Ø 0.03</u> <u>70 70mm Ø 0.03</u> <u>20 120mm Ø 0.1</u> <u>210 210mm Ø 0.3</u> <b>DETAILS</b>
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Tor DazCTI BZCTI BZCTI BZCTI BZCTI BZCTI CTI	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) $\leq 2.5mm^3 standed, \leq 4mm^2 solid$ Conforms to: IEC60755, 60947, 62020, 61543. IEC 61000-42, -3, -4, -5, -6, -12 and -16. CISPR 22. (E and Compliant. above refer to terminal numbers on the relay housing. ermative trip levels or time delays, please consult the sales office. <b>roids</b> <u>ype:</u> Internal diameter: <u>Lan (min,) A</u> <u>355 35mm Ø 0.03</u> <u>70 70mm Ø 0.03</u> <u>20 120mm Ø 0.1</u> <u>10 210mm Ø 0.3</u> <b>DETAILS</b>
Mounting option: Terminal conductor size: Approvals: () Numbers in brackets shown a Options I. For other supply voltages, alte Accessories - Tor DazCTI BZCTI BZCTI BZCTI BZCTI BZCTI CTI	On to 35mm symmetric DIN rail to BS5584:1978 (ENS0 002, DIN 46277-3) $\leq 2.5mm^3 standed, \leq 4mm^2 solid$ Conforms to: IEC60755, 60947, 62020, 61543. IEC 61004-2, -3, -4, -5, -6, -12 and -16. CISPR 22. (E and Compliant. above refer to terminal numbers on the relay housing. ermative trip levels or time delays, please consult the sales office. <b>roids</b> <u>ype:</u> Internal diameter: <u>IAn (min.) A</u> <u>355 35mm Ø 0.03</u> <u>70 70mm Ø 0.03</u> <u>20 120mm Ø 0.1</u> <u>210 210mm Ø 0.3</u> <b>DETAILS</b>

Dims

12 - 125V DC (85 - 110% of U) 24, 115/230, 400V AC (85 - 115% of Un)

to DIN 43880

**TECHNICAL SPECIFICATION** 

Supply voltage Un (5, 6, 7): (see connection diagram)

W. 44mm