



Indicatore digitale di tensione o corrente alternata 4 moduli

Alternating voltage or current digital meter 4 module

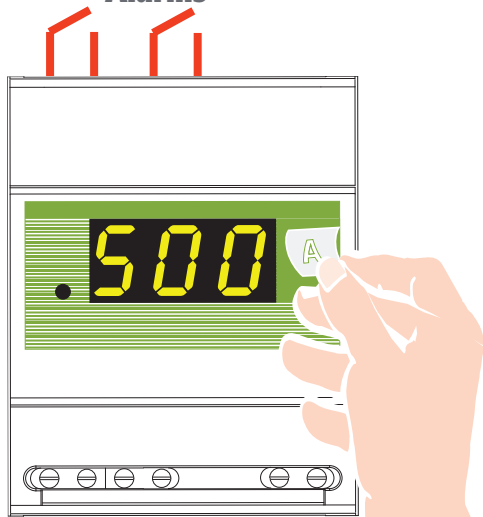
DGMG

Misura selezionabile di tensione o corrente alternata
 Ingresso tensione diretta 500(600)V
 Ingresso corrente da TA esterno /1A oppure /5A
 Primario TA programmabile 5...8000A (38 portate)
 Misura in vero valore efficace
 Versione con 2 allarmi programmabili

Alternating voltage or current selectable measurements
 Input voltage 500(600)V
 Input current by external CT /1A or /5A
 Programmable primary CT 5...8000A (38 ranges)
 TRUE RMS value measurement
 2 programmables alarms version



Allarmi
Alarms



A

5.00...800

kA

1.00...8.00

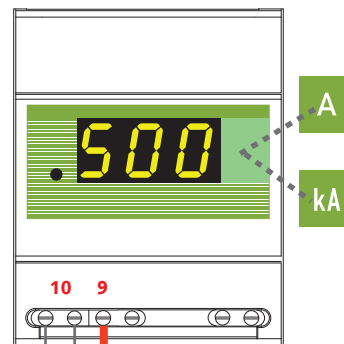
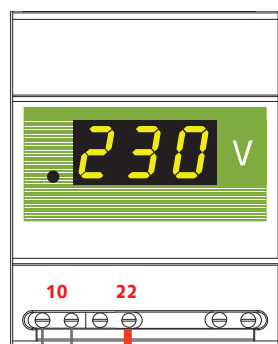
V

500

Misura di Tensione
Voltage measurement

oppure
or

Misura di Corrente
Current measurement



ATTENZIONE Lo strumento deve essere utilizzato per la misura della tensione o della corrente. Una inserzione esclude l'altra
ATTENTION The meter has to be used to measure voltage or current. A connection excludes the other

| CODICE DI ORDINAZIONE ORDERING CODE | AL. AUSILIARIA AUX. SUPPLY | | ALLARMI ALARMS | INGRESSO INPUT | |
|--|-------------------------------|------------|-------------------|---------------------|---------------------|
| | ca / ac | cc / dc | | CORRENTE CURRENT | TENSIONE VOLTAGE |
| DGMG01C1 | 24V | - | - | 5A | 500V |
| DGMG03C1 | 115V | - | | | |
| DGMG06C1 | 230V | - | | | |
| DGMG07C1 | 240V | - | | | |
| DGMG0HC1 | 48V | 20...150V | | | |
| DGMG0LC1 | - | 150...250V | | | |
| DGMG21C1 | 24V | - | | | |
| DGMG23C1 | 115V | - | | | |
| DGMG26C1 | 230V | - | | | |
| DGMG27C1 | 240V | - | | | |
| DGMG2HC1 | 48V | 20...150V | | | |
| DGMG2LC1 | - | 150...250V | | | |
| DGMG01C2 | 24V | - | | | |
| DGMG03C2 | 115V | - | | | |
| DGMG06C2 | 230V | - | | | |
| DGMG07C2 | 240V | - | | | |
| DGMG0HC2 | 48V | 20...150V | | | |
| DGMG0LC2 | - | 150...250V | | | |
| DGMG21C2 | 24V | - | | | |
| DGMG23C2 | 115V | - | | | |
| DGMG26C2 | 230V | - | | | |
| DGMG27C2 | 240V | - | | | |
| DGMG2HC2 | 48V | 20...150V | | | |
| DGMG2LC2 | - | 150...250V | | | |

VISUALIZZAZIONE

Tipo display: LED verdi, 7 segmenti

Altezza cifre: 14mm

N° punti visualizzazione: 1.000 (3 cifre)

Indicazione massima: 999

Unità ingegneristica: A opp. kA opp. V (targa adesiva)

Punto decimale: automatico (vedi tabella)

Indicazione fuoriscala: accensione contemporanea 3 punti decimali

Fuoriscala: ingresso > 1,2In opp. 1,2Un

Risoluzione: vedi tabella

Precisione (riferita al fondo scala): ± 1%+1 digit

Aggiornamento lettura: 2,9s

INGRESSO

TENSIONE

Inserzione: diretta

Tensione nominale Un: 500V

Campo di misura: 10...600V

Autoconsumo: ≤ 0,1VA

CORRENTE

Inserzione: da TA esterno /5A - /1A

Corrente nominale In: 5A - 1A

Campo di misura: 0,1...6A (In 5A) - 0,02...1,2A (In 1A)

Autoconsumo: ≤ 0,6VA

Misura: vero valore efficace

Forma d'onda segnale di ingresso: onda simmetrica

Tipo: sinusoidale, sinusoidale distorta, parzializzata SCR, quadra

DISPLAY

Tipe of display: 7 segments, green LED's

Digit height: 14mm

N° of display points: 1.000 (3 digit)

Maximum display: 999

Engineering unit: A or kA or V (adhesive label)

Decimal point: automatic (see table)

Overrange indication: simultaneous lighting of 3 decimal points

Overrange: input > 1,2In or 1,2Un

Resolution: see table

Accuracy (referred to full scale): ± 1%+1 digit

Display update: 2,9s

INPUT

VOLTAGE

Connection: direct

Rated voltage Un: 500V

Measuring range: 10...600V

Rated burden: ≤ 0,1VA

CURRENT

Connection: by external CT /5A - /1A

Rated current In: 5A - 1A

Measuring range: 0,1...6A (In 5A) - 0,02...1,2A (In 1A)

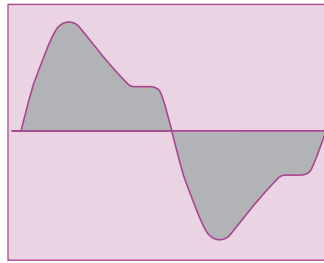
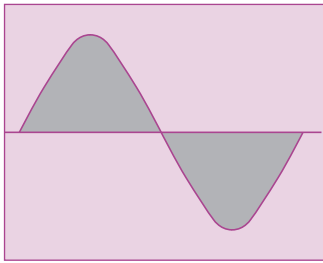
Rated burden: ≤ 0,6VA

Measure: true RMS value

Input signal waveform: symmetric wave

Type: sinusoidal, distorted sinusoidal, partialized SCR, square

ESEMPI



Frequenza nominale f_n : 50Hz
Frequenza di funzionamento: 47...420Hz
Sovraccarico permanente: 1,2In – 1,2Un
Sovraccarico istantaneo: 2In/5s

PROGRAMMAZIONE

Programmazione parametri: pulsanti accessibili dal frontale (diametro foro 3mm)
Memorizzazione parametri di configurazione: memoria permanente (senza batteria)

PARAMETRI PROGRAMMABILI

Primario TA esterno: 38 portate (vedi tabella)
ALLARMI (DGMG2): tipo, soglia, isteresi, ritardo, stato relè

| | | | | | | | | | | | | | | |
|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Portata Range | | | | | | | | | 5A | | | | | |
| Visualizzazione Display | | | | | | | | | 5,00A | | | | | |
| Visualizzazione Display + 20% | | | | | | | | | 6,00A | | | | | |
| Portata Range | 10A | | 15A | | 20A | 25A | 30A | 40A | 50A | 60A | 70A | 75A | 80A | |
| Visualizzazione Display | 9,99A | | 15,0A | | 20,0A | 25,0A | 30,0A | 40,0A | 50,0A | 60,0A | 70,0A | 75,0A | 80,0A | |
| Visualizzazione Display + 20% | 12,0A | | 18,0A | | 24,0A | 30,0A | 36,0A | 48,0A | 60,0A | 72,0A | 84,0A | 92,0A | 96,0A | |
| Portata Range | 100A | 120A | 150A | 160A | 200A | 250A | 300A | 400A | 500A | 600A | 700A | 750A | 800A | |
| Visualizzazione Display | 99,9A | 120A | 150A | 160A | 200A | 250A | 300A | 400A | 500A | 600A | 700A | 750A | 800A | |
| Visualizzazione Display + 20% | 120A | 144A | 180A | 192A | 240A | 300A | 360A | 480A | 600A | 720A | 840A | 920A | 960A | |
| Portata Range | 1kA | 1,2kA | 1,5kA | 1,6kA | 2kA | 2,5kA | 3kA | 4kA | 5kA | 6kA | 7kA | 7,5kA | 8kA | |
| Visualizzazione Display | 1,00kA | 1,20kA | 1,50kA | 1,60kA | 2,00kA | 2,50kA | 3,00kA | 4,00kA | 5,00kA | 6,00kA | 7,00kA | 7,50kA | 8,00kA | |
| Visualizzazione Display + 20% | 1,20kA | 1,44kA | 1,80kA | 1,92kA | 2,40kA | 3,00kA | 3,60kA | 4,80kA | 6,00kA | 7,20kA | 8,40kA | 9,20kA | 9,60kA | |
| Portata Range | | | | | | | | | 500V | | | | | |
| Visualizzazione Display | | | | | | | | | 500V | | | | | |
| Visualizzazione Display + 20% | | | | | | | | | 600V | | | | | |

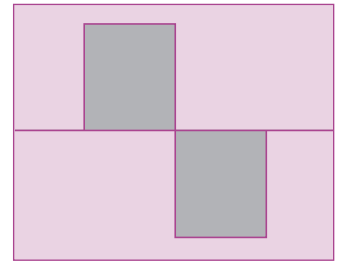
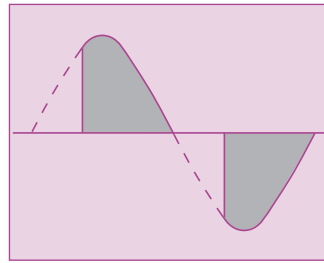
ALLARMI (DGMG2)

Allarmi programmabili: 2
Tipo: programmabile minima e/o massima
Soglia: programmabile 0...120% portata selezionata
Isteresi: programmabile 0...soglia selezionata
Ritardo: programmabile 1...60s
Precisione ritardo: $\pm 10\%$
Tempo di ripristino: $\leq 500\text{ms}$
Uscita: 2 relè con contatto SPDT, libero da potenziale
Stato relè: programmabile norm. eccitato o diseccitato
Portata contatti: 5A 250Vca – 0,5A 100Vcc
Precisione (riferita al fondo scala): $\pm 1,5\%$
Segnalazione intervento allarmi: lampeggio dicitura "AL"

ALIMENTAZIONE AUSILIARIA

Valore nominale $U_{aux\ ca}$: 24 – 48 – 115 – 230 – 240V
Variatione ammessa: $\pm 10\%$ $U_{aux\ ca}$ – 40...60V (U_{aux} 48V)
Frequenza nominale: $\pm 50\%$ Hz
Frequenza di funzionamento: 47...63Hz
Autoconsumo: $\leq 3,5\text{VA}$
Valore nominale $U_{aux\ cc}$: 20...150Vcc – 150...250Vcc
Autoconsumo: $\leq 2,5\text{W}$
Protezione contro l'inversione di polarità

EXAMPLES



Rated frequency f_n : 50Hz
Working frequency: 47...420Hz
Continuous overload: 1,2In – 1,2Un
Instantaneous overload: 2In/5s

PROGRAMMING

Parameters programming: front frame push buttons (hole diameter 3mm)
Hold of configuration parameters: non volatile memory (no battery)

PROGRAMMABLE PARAMETERS

External CT primary: 38 ranges (see table)
ALARMS (DGMG2): type, set-point, hysteresis, delay, relay state

ALARMS (DGMG2)

Programmables alarms: 2
Type: programmable min. and/or max.
Set-point: programmable 0...120% selected range
Hysteresis: programmable 0...set-point
Delay: programmable 1...60s
Delay accuracy: $\pm 10\%$
Reset time: $\leq 500\text{ms}$
Output: 2 relays with SPDT contacts, voltage free
Relay state: programmable norm. energised or de-energised
Contacts range: 5A 250Vac – 0,5A 100Vdc
Accuracy (referred to full scale): $\pm 1,5\%$
Alarms intervention display: blinking message "AL"

AUXILIARY SUPPLY

Rated value $U_{aux\ ac}$: 24 – 48 – 115 – 230 – 240V
Tolerance: $\pm 10\%$ $U_{aux\ ca}$ – 40...60V (U_{aux} 48V)
Rated frequency: $\pm 50\%$ Hz
Working frequency: 47...63Hz
Rated burden: $\leq 3,5\text{VA}$
Rated value $U_{aux\ dc}$: 20...150Vdc – 150...250Vdc
Rated burden: $\leq 2,5\text{W}$
Protected against incorrect polarity

ISOLAMENTO

(EN/IEC 61010-1)

Categoria di installazione: III

Grado di inquinamento: 2

Prova di tensione alternata 2,5kV valore efficace 50Hz/1 min

Circuiti considerati: misura, alimentazione, uscita relè (DGMG2)

Prova di tensione alternata 2,5kV valore efficace 50Hz/1 min

Circuiti considerati: tutti i circuiti e massa

Prova di tensione a impulso 5kV 1,2/50µs 0,5J

Circuiti considerati: misura, alimentazione, uscita relè (DGMG2)

COMPATIBILITA' ELETTROMAGNETICA

Prove di emissione in accordo con EN 55022 (cl.B)

Prove di immunità in accordo con EN/IEC 61326-1

CONDIZIONI AMBIENTALI

Temperatura di riferimento: 23°C ±1°C

Temperatura di impiego: -5...55°C

Variazione indice di classe: ±0,03%/°C

Campo limite per l'immagazzinamento e trasporto: -40...70°C

Adatto all'utilizzo in clima tropicale

Massima potenza dissipata¹: ≤ 3,5W¹Per il dimensionamento termico dei quadri**CUSTODIA**

Custodia: 4 moduli DIN43880

Conessioni: morsetti a vite

Montaggio: a incastro su profilato 35mm

Tipo profilato: a cappello TH35-15 (EN/IEC 60715)

Materiale custodia: policarbonato autoestinguente

Grado di protezione (EN/IEC 60529): IP50 frontale, IP20 morsetti

Peso: 270 grammi

INSULATION

(EN/IEC 61010-1)

Installation category: III

Pollution degree: 2

A.C. voltage test 2,5kV r.m.s. 50Hz/1 min

Considered circuits: measure, supply, relay output (DGMG2)

A.C. voltage test 2,5kV r.m.s. 50Hz/1 min

Considered circuits: all circuits and earth

Impulse voltage test 5kV 1,2/50µs 0,5J

Considered circuits: measure, supply, relay output (DGMG2)

ELECTROMAGNETIC COMPATIBILITY

Emission tests according to EN EN 55022 (cl.B)

Immunity tests according to EN/IEC 61326-1

ENVIRONMENTAL CONDITIONS

Reference temperature: 23°C ±1°C

Specified operating range: -5...55°C

Variation to the class index: ±0,03%/°C

Limit range for storage and transport: -40...70°C

Suitable for tropical climates

Max. power dissipation¹: ≤ 3,5W¹For switchboard thermal calculation**HOUSING**

Housing: 4 module DIN43880

Connections: screw terminals

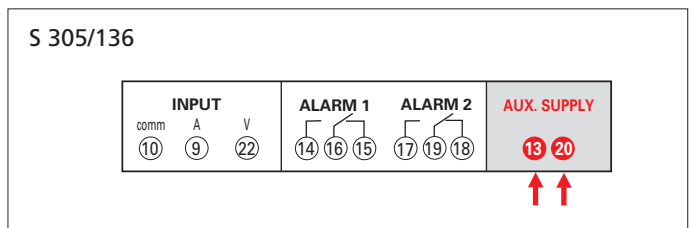
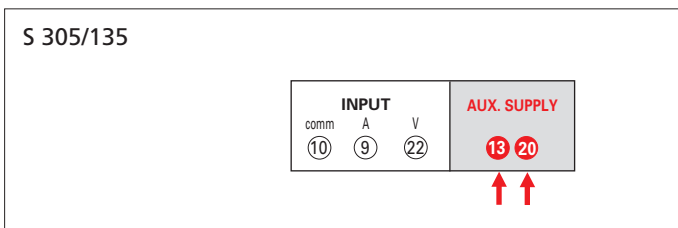
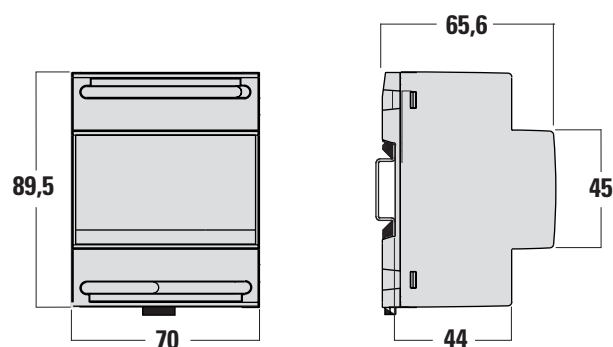
Mounting: snap-on 35mm rail

Rail type: top hat TH35-15 (EN/IEC 60715)

Housing material: self-extinguishing polycarbonate

Protection degree (EN/IEC 60529): IP50 front frame, IP20 terminals

Weight: 270 grams

SCHEMI D'INSERIZIONE WIRING DIAGRAMS**DIMENSIONI DIMENSIONS**



**Indicateur numérique
de tension ou courant
alternatif
4 modules**

**Alternating
voltage or current
digital meter
4 module**

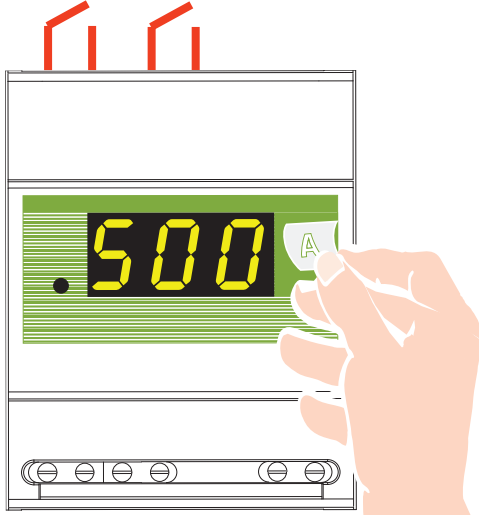
DGM D4

Mesure de tension ou courant alternatif
sélectionnable
Entrée tension directe 500(600)V
Entrée courant sur TC externe
/1A ou /5A
Primaire TC programmable 5...8000A
(38 calibres)
Mesure en valeur efficace vraie
Version avec 2 alarmes programmables

Alternating voltage or current
selectable measurements
Input voltage 500(600)V
Input current by external CT
/1A or /5A
Programmable primary CT 5...8000A
(38 ranges)
TRUE RMS value measurement
2 programmable alarms version



**Alarmes
Alarms**



A 5.00...800

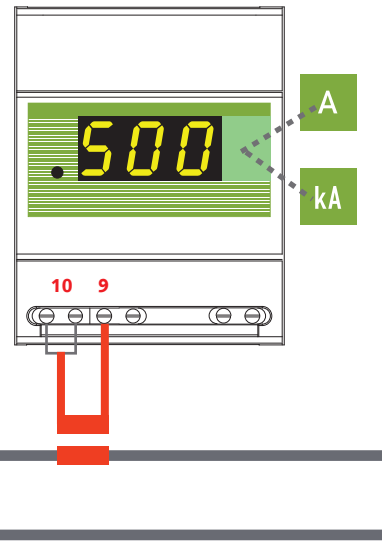
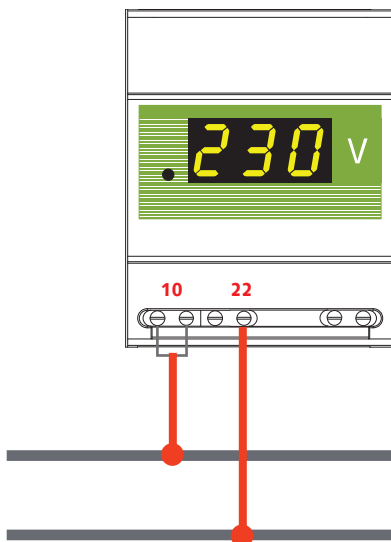
kA 1.00...8.00

V 500

**Mesure de tension
Voltage measurement**

ou
or

**Mesure du courant
Current measurement**



ATTENTION : L'instrument doit être utilisé pour mesurer la tension ou le courant. Un raccordement exclut l'autre
ATTENTION The meter has to be used to measure voltage or current. A connection excludes the other

| REFERENCE ORDERING CODE | ALIMENTATION AUXILIAIRE AUX. SUPPLY | | ALARMES ALARMS | ENTREE INPUT | | | | |
|-------------------------------|--|------------|-------------------|--------------------|--------------------|------|------|------|
| | ca / ac | cc / dc | | COURANT CURRENT | TENSION VOLTAGE | | | |
| 2003 6674 | 24V | - | - | 5A | 500V | | | |
| 2006 6674 | 115V | - | | | | | | |
| 2010 6674 | 230V | - | | | | | | |
| 2013 6674 | 240V | - | | | | | | |
| 2023 6674 | 48V | 20...150V | | | | | | |
| 2025 6674 | - | 150...250V | | | | | | |
| 2003 6684 | 24V | - | 2 | 5A | | 500V | | |
| 2006 6684 | 115V | - | | | | | | |
| 2010 6684 | 230V | - | | | | | | |
| 2013 6684 | 240V | - | | | | | | |
| 2023 6684 | 48V | 20...150V | | | | | | |
| 2025 6684 | - | 150...250V | | | | | | |
| 2003 6676 | 24V | - | - | 1A | | | 500V | |
| 2010 6676 | 115V | - | | | | | | |
| 2006 6676 | 230V | - | | | | | | |
| 2013 6676 | 240V | - | | | | | | |
| 2023 676 | 48V | 20...150V | | | | | | |
| 2025 6676 | - | 150...250V | | | | | | |
| 2003 6686 | 24V | - | 2 | 1A | | | | 500V |
| 2006 6686 | 115V | - | | | | | | |
| 2010 6686 | 230V | - | | | | | | |
| 2013 6686 | 240V | - | | | | | | |
| 2023 6686 | 48V | 20...150V | | | | | | |
| 2025 6686 | - | 150...250V | | | | | | |

AFFICHAGE

Type d'afficheur: LED rouges, 7 segments

Hauteur des chiffres: 14mm

N° de points d'affichage: 1.000 (3 chiffres)

Indication maximum: 999

Unité de grandeur: A ou kA ou V (étiquette adhésive)

Point décimal: automatique (voir tableau)

Indication du dépassement: allumage simultané des 3 points décimaux

Dépassement: entrée > 1,2In ou 1,2Un

Résolution: voir tableau

Précision (par rapport au fond d'échelle): ± 1%+1 digit

Echantillonnage de l'affichage: 2,9s

DISPLAY

Type of display: 7 segments, green LED's

Digit height: 14mm

N° of display points: 1.000 (3 digit)

Maximum display: 999

Engineering unit: A or kA or V (adhesive label)

Decimal point: automatic (see table)

Overrange indication: simultaneous lighting of 3 decimal points

Overrange: input > 1,2In or 1,2Un

Resolution: see table

Accuracy (referred to full scale): ± 1%+1 digit

Display update: 2,9s

ENTREE

TENSION

Raccordement : direct

Tension nominale Un: 500V

Etendue de mesure: 10...600V

Autoconsommation: ≤ 0,1VA

COURANT

Raccordement: sur TC externe /5A - /1A

Courant nominal In: 5A – 1A

Etendue de mesure: 0,1...6A(In 5A) – 0,02...1,2A (In1A)

Autoconsommation: ≤ 0,6VA

Mesure: valeur efficace vraie

Forme d'onde du signal d'entrée: onde symétrique

Type: sinusoïdale, sinusoïdale déformée, partielle SCR, carrée

INPUT

VOLTAGE

Connection: direct

Rated voltage Un: 500V

Measuring range: 10...600V

Rated burden: ≤ 0,1VA

CURRENT

Connection: by external CT /5A - /1A

Rated current In: 5A – 1A

Measuring range: 0,1...6A(In 5A) – 0,02...1,2A (In1A)

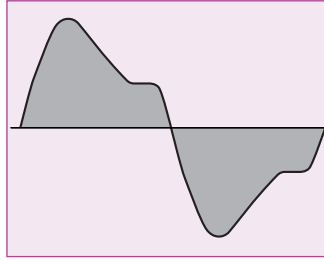
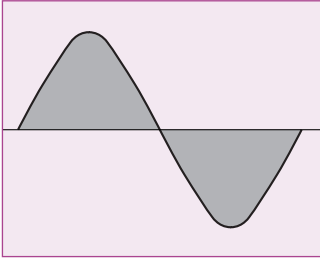
Rated burden: ≤ 0,6VA

Measure: true RMS value

Input signal waveform: symmetric wave

Type: sinusoidal, distorted sinusoidal, partialized SCR, square

ESEMPLI



Fréquence nominale f_n : 50Hz
 Fréquence de fonctionnement: 47...420Hz
 Surcharge permanente: $1,2I_n - 1,2U_n$
 Surcharge instantanée: $2I_n/5s$

PROGRAMMATION

Programmation paramètres: touches accessibles en face avant (trou dia. 3mm)
 Conservation des paramètres de configuration: mémoire permanente (EEPROM) sans batterie

PARAMETRES PROGRAMMABLES

Primaire TC externe: 38 calibres (voir tableau)
 ALARMES : type, seuil, hystérésis, temporisation, état du relais

| | | | | | |
|-------------------------|--------|--------|--------|--------|--------|
| Calibre Range | | | | | |
| Affichage Display | | | | | |
| Affichage Display + 20% | | | | | |
| Calibre Range | 10A | | 15A | | 20A |
| Affichage Display | 9,99A | | 15,0A | | 20,0A |
| Affichage Display + 20% | 12,0A | | 18,0A | | 24,0A |
| Calibre Range | 100A | 120A | 150A | 160A | 200A |
| Affichage Display | 99,9A | 120A | 150A | 160A | 200A |
| Affichage Display + 20% | 120A | 144A | 180A | 192A | 240A |
| Calibre Range | 1kA | 1,2kA | 1,5kA | 1,6kA | 2kA |
| Affichage Display | 1,00kA | 1,20kA | 1,50kA | 1,60kA | 2,00kA |
| Affichage Display + 20% | 1,20kA | 1,44kA | 1,80kA | 1,92kA | 2,40kA |
| Calibre Range | | | | | |
| Affichage Display | | | | | |
| Affichage Display + 20% | | | | | |

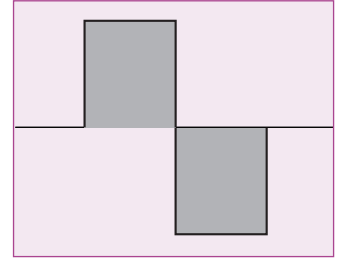
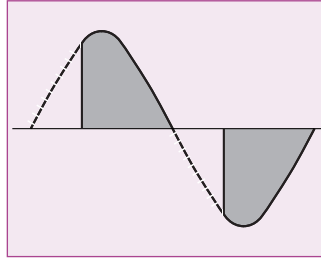
ALARMES

Alarmes programmables: 2
 Type: programmable minimum et/ou maximum
 Seuil: programmable 0...120% calibre sélectionné
 Hystérésis: programmable 0...seuil sélectionnable
 Temporisation: programmable...60s
 Précision de la temporisation: $\pm 10\%$
 Délai de reset: $\leq 500ms$
 Sortie: 2 relais avec contact SPDT, libre de potentiel
 Etat du relais: programmable norm. excité ou désexcité
 Pouvoir de coupure: 5A 250Vca - 0,5A 100Vcc
 Précision (par rapport au fond d'échelle): $\pm 1,5\%$
 Signalisation de l'intervention de l'alarme: message clignotant "AL"

ALIMENTATION AUXILIAIRE

Valeur nominale $U_{aux\ ca}$: 24 - 48 - 115 - 230 - 240V
 Variation admissible: $\pm 10\%$ $U_{aux\ ca}$ - 40...60V (U_{aux} 48V)
 Fréquence nominale: $\pm 50\%$ Hz
 Fréquence de fonctionnement: 47...63Hz
 Autoconsommation: $\leq 3,5VA$
 Valeur nominale $U_{aux\ cc}$: 20...150Vcc - 150...250Vcc
 Autoconsommation: $\leq 2,5W$
 Protection contre l'inversion de polarité

EXEMPLES



Rated frequency f_n : 50Hz
 Working frequency: 47...420Hz
 Continuous overload: $1,2I_n - 1,2U_n$
 Instantaneous overload: $2I_n/5s$

PROGRAMMING

Parameters programming: front frame push buttons (hole diameter 3mm)
 Hold of configuration parameters: non volatile memory (no battery)

PROGRAMMABLE PARAMETERS

External CT primary: 38 ranges (see table)
 ALARMS (DGMG2): type, set-point, hysteresis, delay, relay state

| | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------|--------|--------|--------|--------|--|
| | | | | | | | | 5A | | | | | |
| | | | | | | | | 5,00A | | | | | |
| | | | | | | | | 6,00A | | | | | |
| | | | | | | | | 50A | 60A | 70A | 75A | 80A | |
| | | | | | | | | 50,0A | 60,0A | 70,0A | 75,0A | 80,0A | |
| | | | | | | | | 60,0A | 72,0A | 84,0A | 92,0A | 96,0A | |
| | | | | | | | | 500A | 600A | 700A | 750A | 800A | |
| | | | | | | | | 500A | 600A | 700A | 750A | 800A | |
| | | | | | | | | 600A | 720A | 840A | 920A | 960A | |
| | | | | | | | | 5kA | 6kA | 7kA | 7,5kA | 8kA | |
| | | | | | | | | 5,00kA | 6,00kA | 7,00kA | 7,50kA | 8,00kA | |
| | | | | | | | | 6,00kA | 7,20kA | 8,40kA | 9,20kA | 9,60kA | |
| | | | | | | | | 500V | | | | | |
| | | | | | | | | 500V | | | | | |
| | | | | | | | | 600V | | | | | |

ALARMS (DGMG2)

Programmables alarms: 2
 Type: programmable min. and/or max.
 Set-point: programmable 0...120% selected range
 Hysteresis: programmable 0...set-point
 Delay: programmable 1...60s
 Delay accuracy: $\pm 10\%$
 Reset time: $\leq 500ms$
 Output: 2 relays with SPDT contacts, voltage free
 Relay state: programmable norm. energised or de-energised
 Contacts range: 5A 250Vac - 0,5A 100Vdc
 Accuracy (referred to full scale): $\pm 1,5\%$
 Alarms intervention display: blinking message "AL"

AUXILIARY SUPPLY

Rated value $U_{aux\ ac}$: 24 - 48 - 115 - 230 - 240V
 Tolerance: $\pm 10\%$ $U_{aux\ ca}$ - 40...60V (U_{aux} 48V)
 Rated frequency: $\pm 50\%$ Hz
 Working frequency: 47...63Hz
 Rated burden: $\leq 3,5VA$
 Rated value $U_{aux\ dc}$: 20...150Vdc - 150...250Vdc
 Rated burden: $\leq 2,5W$
 Protected against incorrect polarity

ISOLEMENT

(EN/IEC 61010-1)

Catégorie de l'installation: III

Degré de pollution: 2

Tension d'essai 2kV valeur efficace 50Hz/1 min

Circuits considérés: mesure, alimentation, sortie relais

Tension d'essai 2,5kV valeur efficace 50Hz/1 min

Circuits considérés: tous les circuits et la masse

Tension d'essai 5kV impulsions normalisées 1,2/50µs 0,5J

Circuits considérés: mesure, alimentation, sortie relais)

COMPATIBILITÉ ELECTROMAGNETIQUE

Test d'émission selon EN 55022 (cl.B)

Test d'immunité selon EN/IEC 61326-1

CONDITIONS D'UTILISATION

Température de référence: 23°C ± 1°C

Température limite d'utilisation: -5...55°C

Variation de l'indice de classe: ±0,03%/°C

Température de stockage: -40...70°C

Adapté pour l'utilisation en climat tropical

Puissance max. dissipée¹: ≤ 3,5W¹Pour le dimensionnement thermique du coffret**BOITIER**

Boîtier: 4 modules DIN43880

Raccordement : bornes à vis

Montage: rail 35mm

Type de profil: TH35-15 (EN/IEC 60715)

Matériau du boîtier: makrolon autoextinguible

Degré de protection (EN60529): IP50 (face avant), IP20 (bornes)

Poids: 270 grammes

INSULATION

(EN/IEC 61010-1)

Installation category: III

Pollution degree: 2

A.C. voltage test 2,5kV r.m.s. 50Hz/1 min

Considered circuits: measure, supply, relay output (DGMG2)

A.C. voltage test 2,5kV r.m.s. 50Hz/1 min

Considered circuits: all circuits and earth

Impulse voltage test 5kV 1,2/50µs 0,5J

Considered circuits: measure, supply, relay output (DGMG2)

ELECTROMAGNETIC COMPATIBILITY

Emission tests according to EN EN 55022 (cl.B)

Immunity tests according to EN/IEC 61326-1

ENVIRONMENTAL CONDITIONS

Reference temperature: 23°C ± 1°C

Specified operating range: -5...55°C

Variation to the class index: ±0,03%/°C

Limit range for storage and transport: -40...70°C

Suitable for tropical climates

Max. power dissipation¹: ≤ 3,5W¹For switchboard thermal calculation**HOUSING**

Housing: 4 module DIN43880

Connections: screw terminals

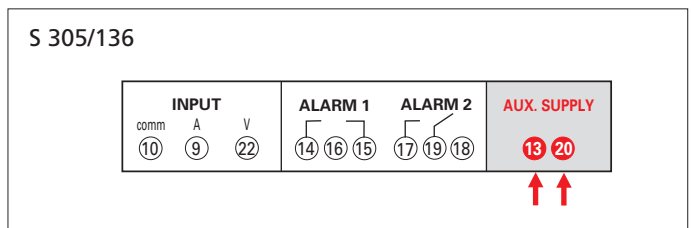
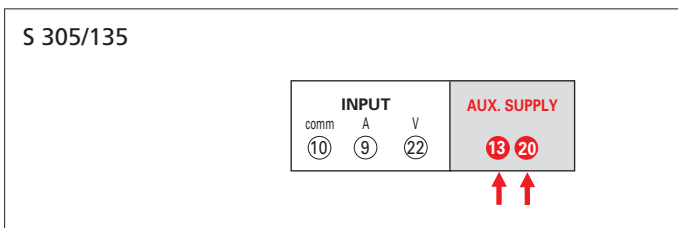
Mounting: snap-on 35mm rail

Rail type: top hat TH35-15 (EN/IEC 60715)

Housing material: self-extinguishing polycarbonate

Protection degree (EN/IEC 60529): IP50 front frame, IP20 terminals

Weight: 270 grams

SCHEMAS DE RACCORDEMENT WIRING DIAGRAM**DIMENSIONS DIMENSIONS**