

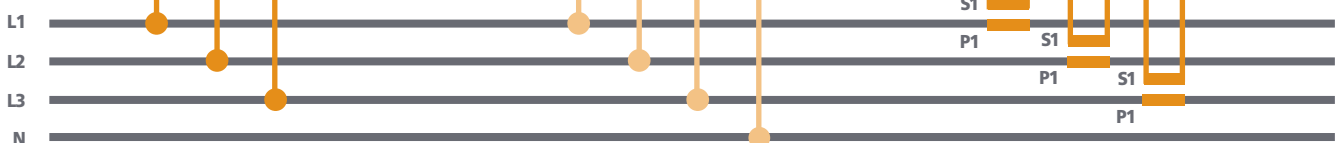
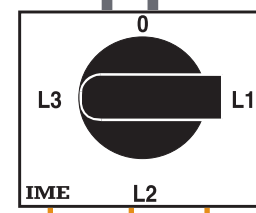
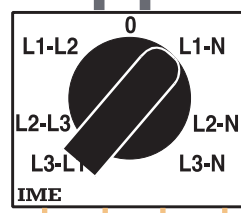
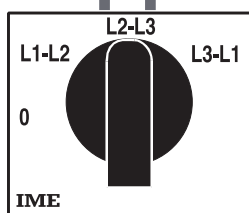
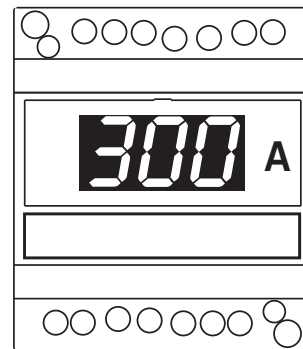
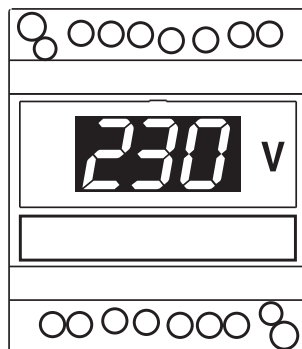
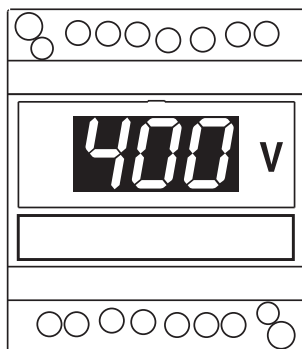
**Commutatori trifase
 di misura
 3 moduli**

**Measuring 3-phase
 switches
 3 module**

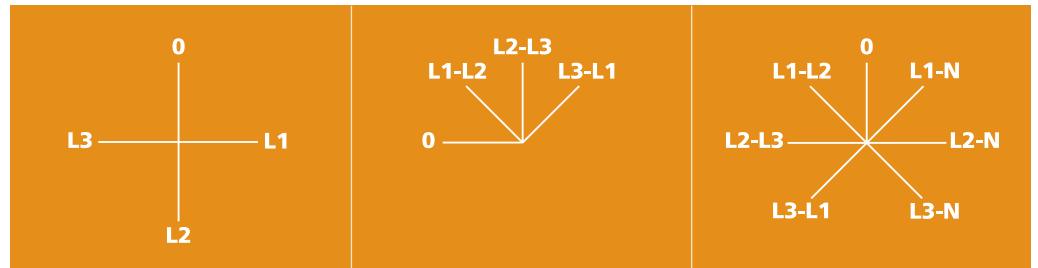
CD3

Commutatore amperometrico, 3 correnti
 Commutatore voltmetrico, 3 tensioni concatenate
 Commutatore voltmetrico, 3 tensioni concatenate + 3 tensioni di fase
 Consentono l'utilizzo di un unico indicatore per la misura, a scansione, delle tensioni di fase o concatenate oppure delle correnti in un sistema trifase

Ammetric switches, 3 currents
 Voltmetric switches, 3 linked voltages
 Voltmetric switches, 3 linked voltages + 3 phase voltages
 It allows to use only one meter to measure, by scanning, the linked and phase voltages or the currents in a three-phase system



CODICI DI ORDINAZIONE ORDERING CODE	DESCRIZIONE DESCRIPTION	SCHEMI DIAGRAMS
AV114	Amperometrico, 3 correnti / Ammetric, 3 currents	S.800/17
AV115	Volmetrico 3 tensioni concatenate / Voltmetric, 3 linked voltages	S.800/18
AV116	Volmetrico 3 tensioni concatenate + 3 tensioni di fase / Voltmetric, 3 linked voltages + 3 phase voltages	S.800/19



CODICE CODE	AV114	AV115	AV116
POSIZIONI POSITIONS	4	4	7
CORRENTE DI FASE PHASE CURRENT	I1		
	I2		
	I3		
TENSIONE CONCATENATA LINKED VOLTAGE			L1 - L2
			L2 - L3
			L3 - L1
TENSIONE DI FASE PHASE VOLTAGE			L1 - N
			L2 - N
			L3 - N
POSIZIONE DI RIPOSO REST POSITION	1	1	1

INGRESSO

Tensione nominale di impiego U_e (EN 60947-3): 690V

Corrente nominale di impiego I_e (EN 60947-3): 12A

Frequenza nominale: 50Hz

Frequenza di impiego: 47...63Hz

Corrente nominale termica, in aria I_{th} (EN 60947-3): 16A

Corrente nominale termica, in cassetta I_{the} (EN 60947-3): 12A

INPUT

Rated operating voltage U_e (EN 60947-3): 690V

Rated operating current I_e (EN 60947-3): 12A

Rated frequency: 50Hz

Rated operating frequency: 47...63Hz

Free air thermal current I_{th} (EN 60947-3): 16A

Enclosed thermal current I_{the} (EN 60947-3): 12A

Corrente nominale d'impiego I_e corrente alternata Operating current I_e alternating current

IMPIEGO OPERATING	U_e Tensione Impiego Operating voltage	I_e ca/ac Corrente Impiego Operating current	P_e Potenza Impiego Operating power
AC-21A Carichi Resistivi / Resistive Load AC-22A Carichi Misti / Mixed Load	690V	12A	-
AC-23A Motori Carichi fortemente induttivi Periodic switching of motors	1 fase-2 poli Single-phase 1-pole	110V	12A
		230V	12A
	3 fasi-3 poli Three-phase 3-pole	230V	10A
		400V	10A
		500V	10A
AC-3 Motori a gabbia: avviamento - arresto Starting of cage motors	1 fase-2 poli Single-phase 2-pole	110V	10A
		230V	10A
	3 fasi-3 poli Three-phase 3-pole	230V	8A
		400V	8A
		500V	8A
	690V	6A	

Corrente nominale di breve durata I_{cw} (1s): 300A

Potere nominale di chiusura sotto cortocircuito I_{cm} : 1.200A

Rated short-time current I_{cw} (1s): 300A

Rated short circuit making capacity I_{cm} : 1.200A

ISOLAMENTO

Gruppo materiale (EN60947-1): II

Classe di inquinamento (EN60947-1): 3

Tensione di riferimento per l'isolamento: 690V

Tensione nominale di tenuta a impulso Uimp(sezionatore): 4kV

CONDIZIONI AMBIENTALI

Temperatura di impiego: -25...55°C

Temperatura di magazzino: -30...70°C

CUSTODIA

Custodia: retroquadro, 3 moduli

Montaggio: a incastro su profilato 35mm

Tipo profilato: a cappello TH35-15 (EN60715)

Conessioni: morsetti fissaggio a vite

Portata morsetti: cavo rigido min.0,75mm² / max. 4mm²
cavo flessibile min.0,75mm² / max. 4mm²

Identificazione morsetti: EN50013

Grado di protezione (EN60529): IP65 comandi, IP20 morsetti

Peso: 150 grammi

INSULATION

Material group (EN60947-1): II

Pollution degree (EN60947-1): 3

Insulation voltage rating: 690V

Rated impulse withstand voltage Uimp (sectionable): 4kV

ENVIRONMENTAL CONDITIONS

Operating temperature: -25...55°C

Storage and transport temperature: -30...70°C

HOUSING

Housing: retroquadro, 3-module

Mounting: snap-on 35mm rail

Rail type: top hat TH35-15 (EN60715)

Connections: screw terminals

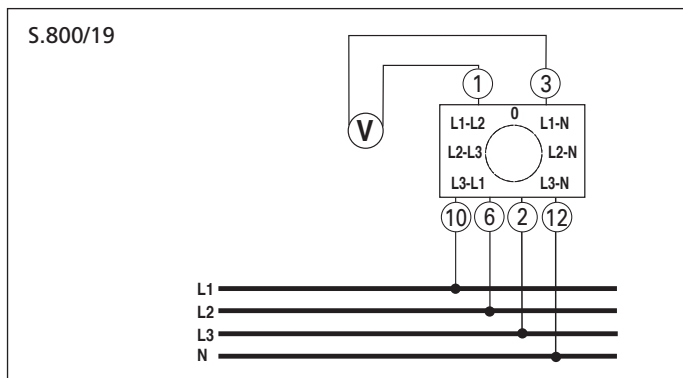
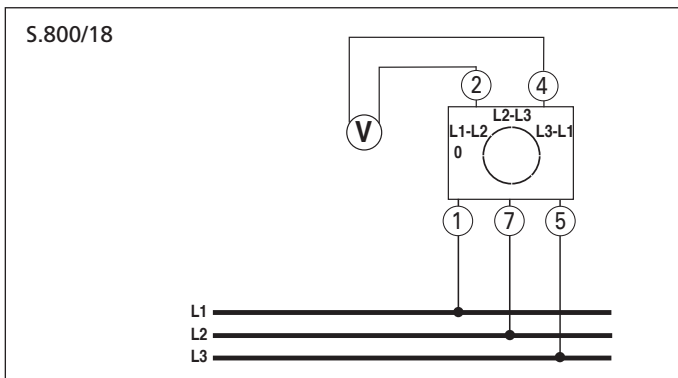
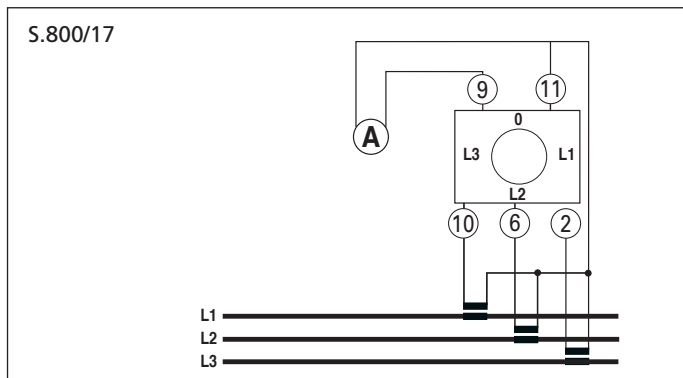
Terminals: rigid cable min.0,75mm² / max. 4mm²
flexible cable min.0,75mm² / max. 4mm²

Terminals numbering: according to EN50013

Protection degree (EN60529): IP65 controls, IP20 terminals

Weight: 150 grams

SCHEMI D'INSERIZIONE WIRING DIAGRAMS



DIMENSIONI DIMENSIONS

