

Commutateurs de mesure triphasés 48x48mm Measuring 3-phase switches 48x48mm

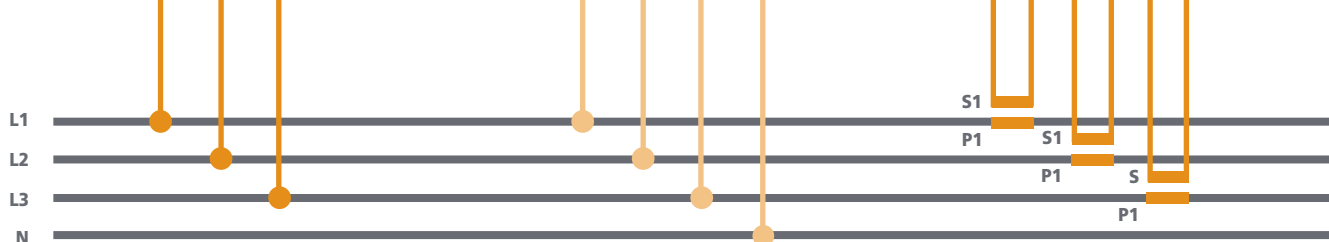
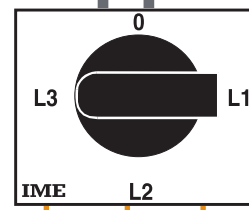
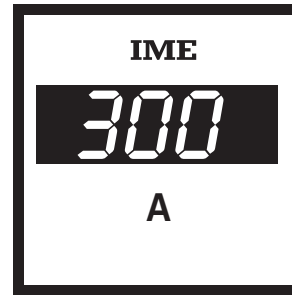
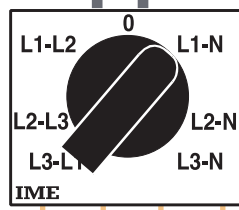
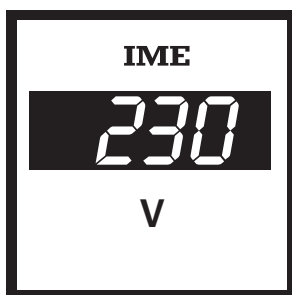
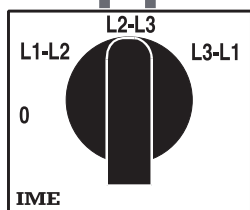
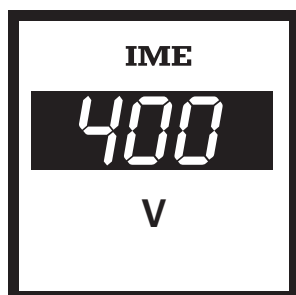
C48




Commutateur d'ampèremètre, 3 courants
Commutateur de voltmètre, 3 tensions composées
Commutateur de voltmètre, 3 tensions composées
+ 3 tensions simples

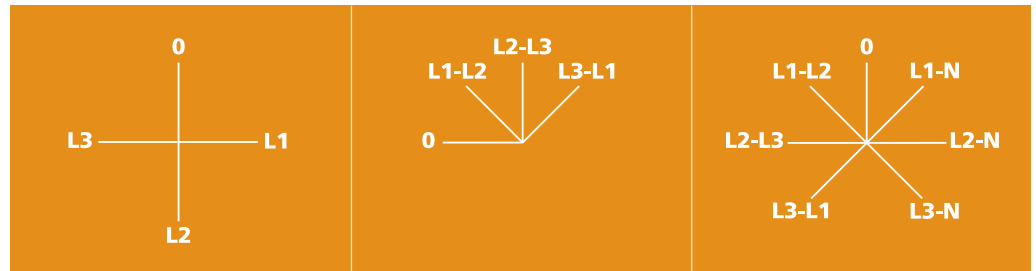
Il permet l'utilisation d'un seul indicateur pour mesurer, par scrutation, les tensions simples et composées ou les courants.

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



REFERENCE ORDERING CODE	DESCRIPTION DESCRIPTION	SCHEMAS DIAGRAMS
	Ampèremètre, 3 courants / Ammetric, 3 currents	S.800/17
	Voltmètre 3 tensions composées / Voltmetric, 3 linked voltages	S.800/18
	Voltmètre 3 tensions composées + 3 tensions di fase / Voltmetric, 3 linked voltages + 3 phase voltages	S.800/19



REFERENCE CODE	AV104	AV105	AV106
POSITIONS POSITIONS	4	4	7
COURANT PAR PHASE PHASE CURRENT	I1		
	I2		
	I3		
TENSION COMPOSÉE LINKED VOLTAGE		L1 - L2	L1 - L2
		L2 - L3	L2 - L3
		L3 - L1	L3 - L1
TENSION PAR PHASE PHASE VOLTAGE			L1 - N
			L2 - N
			L3 - N
POSITION DE REPOS REST POSITION	1	1	1

ENTREE

Tension nominale d'emploi U_e (EN 60947-3): 690V
Courant nominal d'emploi I_e (EN 60947-3): 12A
Fréquence nominale: 50Hz
Fréquence nominale d'utilisation: 47...63Hz
Courant thermique conventionnel I_{th} (EN 60947-3): 16A
Courant thermique conventionnel sous enveloppe 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

Courant nominal d'emploi I_e courant alternatif Operating current I_e alternating current

UTILISATION OPERATING	U_e Tension d'emploi Operating voltage	I_e ca/ac Courant d'emploi Operating current	P_e Puissance d'emploi Operating power	
AC-21A Charges résistives / Resistive Load AC-22A Charges mixtes / Mixed Load	690V	12A	-	
AC-23A Commutation périodique de moteur Periodic switching of motors	1 phase 2 pôles Single-phase 1-pole	110V	12A	
		230V	12A	
	3 phases - 3 pôles Three-phase 3-pole	230V	10A	3.000W
		400V	10A	5.500W
		500V	10A	7.500W
AC-3 Démarrage de moteurs à cage: (interruption en marche) Starting of cage motors	1 phase-2 pôles Single-phase 2-pole	110V	10A	
		230V	10A	
	3 phases - 3 pôles Three-phase 3-pole	230V	8A	2.200W
		400V	8A	4.000W
		500V	8A	5.500W
	690V	6A	5.500W	

Courant nominal de courte durée admissible I_{cw} (1s): 300A
Capacité de courant assigné de tenue aux courts circuits I_{cm} : 1.200A

Rated short-time current I_{cw} (1s): 300A
Rated short circuit making capacity I_{cm} : 1.200A

ISOLEMENT

Groupe matériaux (EN60947-1): II

Degré de pollution (EN60947-1): 3

Tension de référence pour l'isolement: 690V

Tension assignée de tenue aux chocs Uimp(sectionnable): 4kV

CONDITIONS D'UTILISATION

Température d'utilisation: -25...55°C

Température de stockage: -30...70°C

BOITIER

Boîtier: encastré

Face avant: 48x48mm

Raccordement : bornier à vis

Bornes: fil rigide min.0,75mm² / max. 4mm²

fil souple min.0,75mm² / max. 4mm²

Identification des bornes: EN50013

Degré de protection (EN60529): IP65 actionneurs, IP20 bornes

Poids: 180 grammes

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: flush mounting

Front frame: 48x48mm

Connections: screw terminals

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

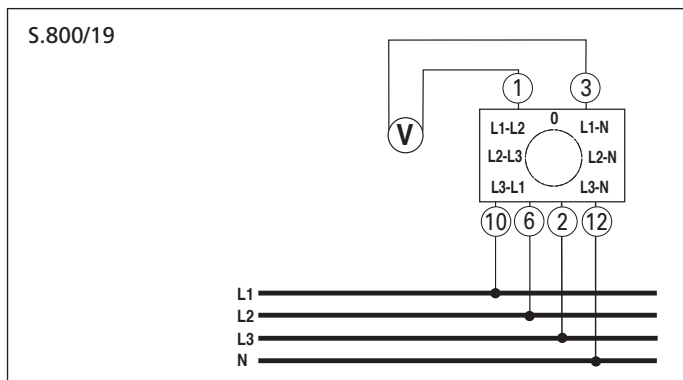
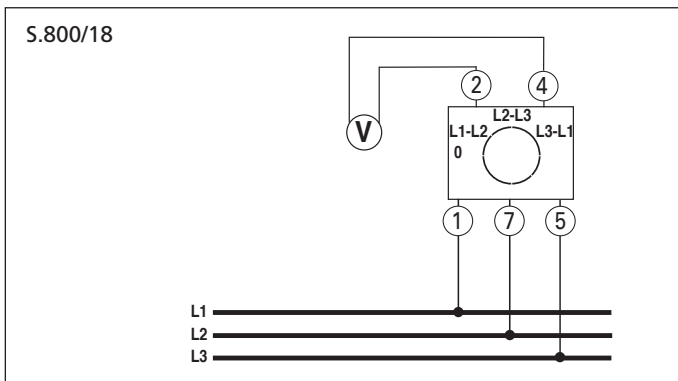
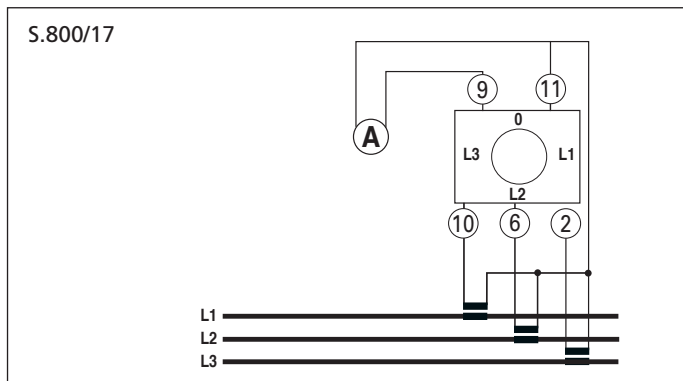
flexible cable min.0,75mm² / max. 4mm²

Terminals numbering: according to EN50013

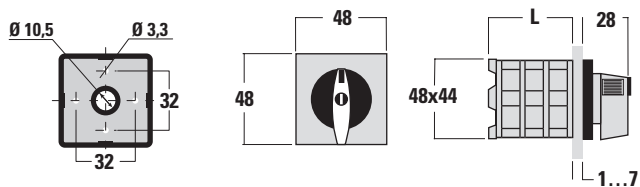
Protection degree (EN60529): IP65 controls, IP20 terminals

Weight: 180 grams

SCHEMA DE RACCORDEMENT WIRING DIAGRAMS



DIMENSIONS DIMENSIONS



AV105 (L=53) / AV104 - 106 (L=63)