



- ▶ AMPLIFICADORES DE INTERIOR TV/SAT
- ▶ TV/SAT INDOOR AMPLIFIERS
- ▶ AMPLIFICATEURS D'INTERIEUR TV/SAT
- ▶ AMPLIFICADORES PARA INTERIOR TV/SAT
- ▶ TV/SAT INNERER VERSTÄRKER



SERIE/RANGE 904

CARACTERISTICAS PRINCIPALES**MAIN FEATURES****PRINCIPALES CARACTERISTIQUES****CARACTERISTICAS PRINCIPAIS****WESENTLICHE KENNZEICHEN**

CODIGO-CODE-CODE-CODIGO-CODE		9040075	
TIPO-TYPE-TYPE-TIPO-TYP		AI-414	
SALIDAS OUTPUTS SORTIES SAIDAS AUSGANGE		4	
RANGO DE FRECUENCIAS FREQUENCY RANGE GAMME DE FREQUENCE RANGO DE FRECUENCIAS FREQUENZBEREICH	Band	TV	SAT
	MHz	40-862	950-2150
GANANCIA GAIN GAIN GANHO VERSTÄRKUNG	dB	12 ± 1,0	25 ± 1,5
REGULACION DE GANANCIA ADJUSTABLE GAIN REGLAGE DU GAIN REGULAÇÃO DO GANHO REGELBARER VERSTÄRKUNG	dB	15	12
ECUALIZACION FIJA FIXED EQUALIZATION PENTE FIXE EQUALIZAÇÃO FIJA FEST EINGESTELLTE ENTZERRUNG	dB	-	10
NIVEL DE SALIDA OUTPUT LEVEL NIVEAU DE SORTIE NIVEL DE SAIDA AUSGANGSPEGEL	dB μ V	91 DIN 45004B 88 IMD ₃ -60 dB	108 IMD ₃ -35 dB
NIVEL DE SALIDA OUTPUT LEVEL NIVEAU DE SORTIE NIVEL DE SAIDA AUSGANGSPEGEL	dB μ V	70 IMD ₂ -60 dB	81 IMD ₂ -35 dB
NIVEL DE SALIDA OUTPUT LEVEL NIVEAU DE SORTIE NIVEL DE SAIDA AUSGANGSPEGEL	dB μ V	75 CTB -60 dB 65 CSO -60 dB 74 XMOD -60 dB	-
DESACOPLO ISOLATION DECOUPLAGE ISOLAMENTO ABSCHIRMUNG	dB	≥13	≥9

DIN 45004B: 3 unequal carriers, IMD₃ at 60 dBIMD₃-60 dB: 2 equal carriers, EN 50083-3IMD₃-35 dB: 2 equal carriers, EN 50083-3IMD₂-60 dB: 2 equal carriers, EN 50083-3IMD₂-35 dB: 2 equal carriers, EN 50083-3

CTB -60 dB: 42 equal carriers, EN 50083-3

CSO -60 dB: 42 equal carriers, EN 50083-3

XMOD -60 dB: 42 equal carriers, EN 50083-3

CARACTERISTICAS PRINCIPALES**MAIN FEATURES****PRINCIPALES CARACTERISTIQUES****CARACTERISTICAS PRINCIPAIS****WESENTLICHE KENNZEICHEN**

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TIPO-TYPE-TYPE-TIPO-TYP		AI-414	
PERDIDAS DE RETORNO RETURN LOSS PERTES DE RETOUR PERDAS DE RETORNO RUCKFLUßDAMPFUNG	dB	≥10	
FIGURA DE RUIDO NOISE FIGURE FACTEUR DE BRUIT FIGURA DE RUIDO RAUSCHMAß	dB	6 ± 1,0	7,5 ± 1,0
PASO DE CORRIENTE DC PATH PASSAGE D'ALIMENTATION PASSAGEM DE CORRIENTE OHNE EINGEBAUTER SPANNUNGSVERSORGUNG	mA	-	0-400
PASO 22 KHz/DISECQ PASS 22 KHz/DISECQ PASSAGE 22 KHz/DISECQ PASSAGEM 22 KHz/DISECQ 22 KHz/DISECQ SIGNAL WIRD DURCHGLASSEN		-	•
TENSION DE RED MAINS VOLTAGE TENSION DU SECTEUR TENSÃO DE REDE NETZSPANNUNG	V~	230±10% ⁽¹⁾ 50/60 Hz	
	VA	6,5	
TEMPERATURA DE FUNCIONAMIENTO OPERATING TEMPERATURE TEMPERATURE DE FONCTIONNEMENT TEMPERATURA DE FUNCIONAMENTO BETRIEBSTEMPERATUR	° C	-10..+65	
INDICE DE PROTECCION PROTECTION INDEX INDICE DE PROTECCION INDICE DE PROTECCAO SCHUTZKLASSE		IP 20	

(1) Bajo pedido 125 o 240 V~

(1) Upon request 125 or 240 V~

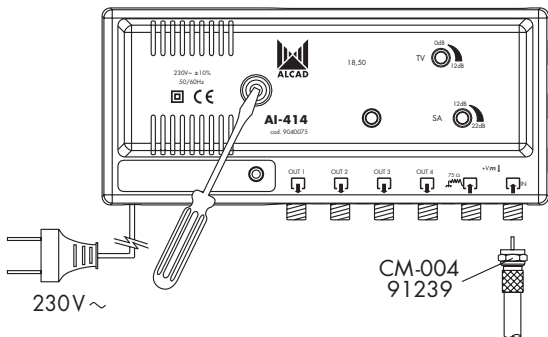
(1) Sur demande 125 ou 240 V~

(1) Sob pedido 125 ou 240 V~

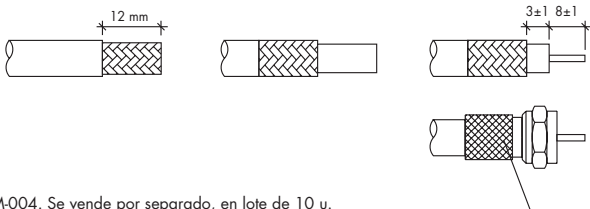
(1) Nach Anfrage Auswahl zwischen 125 oder 240 Wechselspannung möglich

- ▶ Se debe cargar la salida no utilizada con una carga RS-275 (COD. 9120011).
- ▶ The unused output should be loaded with an RS-275 (COD. 9120011) load.
- ▶ La sortie non utilisée doit être chargée avec une charge RS-275 (COD. 9120011).
- ▶ Deve-se carregar a saída não utilizada com uma carga RS-275 (COD. 9120011).
- ▶ Man soll den nicht genutzten Ausgang mit einer Last RS-275 schützen (COD. 9120011).

- ▶ COMO FIJAR EL AMPLIFICADOR
- ▶ HOW TO FIX THE AMPLIFIER
- ▶ COMMENT FIXER L'AMPLIFICATEUR
- ▶ COMO FIXAR O AMPLIFICADOR
- ▶ WIE WIRD DER VERSTÄKER BEFESTIGT



- ▶ COMO PREPARAR LOS CONECTORES F (CM-004)
- ▶ HOW TO PREPARE THE F CONNECTORS (CM-004)
- ▶ COMMENT PREPARER LES CONNECTEURS F (CM-004)
- ▶ COMO PREPARAR OS CONECTORES F (CM-004)
- ▶ KABEL VORBEREITUNG FÜR F-STECKER (CM-004)

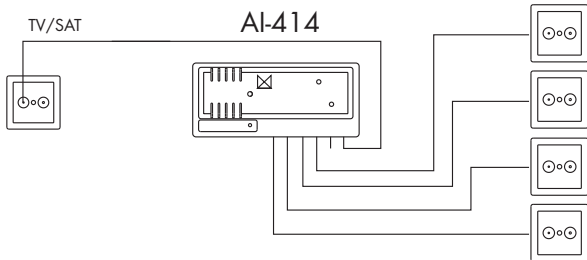


CM-004. Se vende por separado, en lote de 10 u.
 CM-004. Are sold separately in a 10 units/pack
 CM-004. A vendre séparément par lots de 10 u.
 CM-004. Vende-se separadamente em lotes de 10 u.
 CM-004. F-Stecker nicht im Lieferumfang enthalten bitte separat bestellen im 10 st. Pack

CM-004
91239

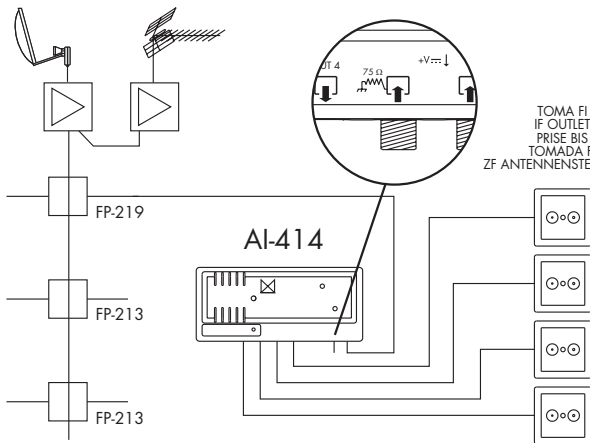
- ▶ INSTALACION EN APARTAMENTO
- ▶ INSTALLATION INSIDE THE APARTMENT
- ▶ INSTALLATION DANS L'APARTEMENT
- ▶ INSTALAÇÃO EM APARTAMENTO
- ▶ MEHRTEIL NEHMER ANLAGEN

TOMA FI
IF OUTLET
PRISE BIS
TOMADA FI
ZF ANTENNENSTECKDOSE

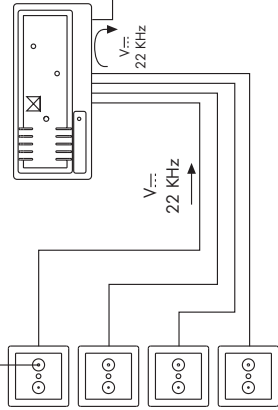
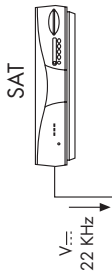


- ▶ INSTALACION COLECTIVA
- ▶ SMATV COLLECTIVE INSTALLATIONS
- ▶ INSTALLATION COLECTIVE SMATV
- ▶ INSTALAÇÃO COLECTIVA
- ▶ KABELNETZ INSTALLATIONEN

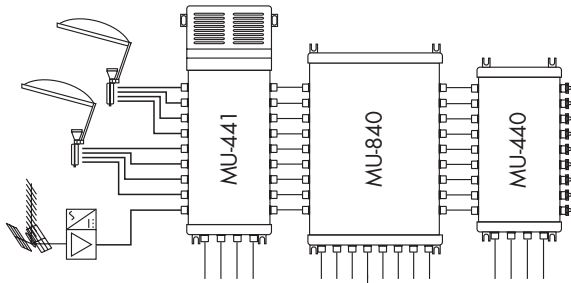
TOMA FI
IF OUTLET
PRISE BIS
TOMADA FI
ZF ANTENNENSTECKDOSE



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- ▶▶▶ KABELNETZ INSTALLATIONEN



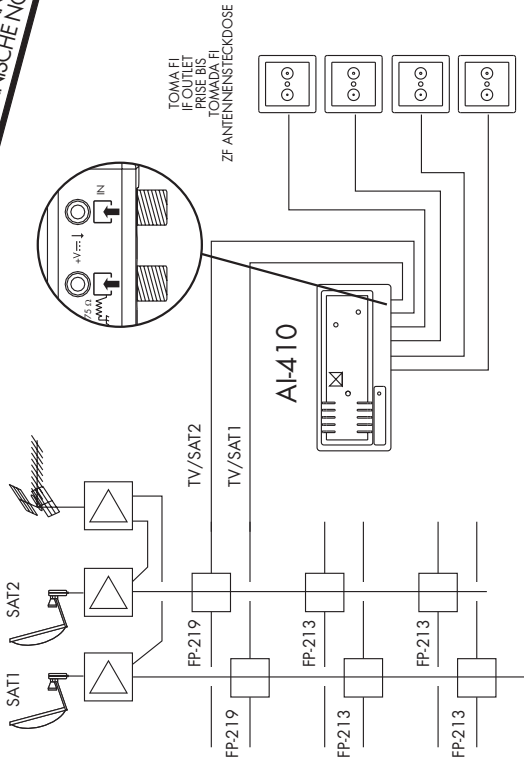
TOMA FI
IF-OUTLET
PRISE BIS
TOMADA FI
ZF ANTENNENSTECCKDOSE



SISTEMA MULTISWITCH EN CASCADE
CASCADABLE MULTISWITCH SYSTEM
SYSTEME MULTISWITCH EM CASCADE
SISTEMA MULTISWITCH EM CASCADE
KASKADIERBARE MULTISCHALTER

▲ INSTALACION COLECTIVA
 ▲ SMATV COLLECTIVE INSTALLATIONS
 ▲ INSTALLATION COLECTIVE SMATV
 ▲ INSTALACAO COLECTIVA
 ▲ KABELNETZ INSTALLATIONEN

NORMATIVA ESPANOLA
 SPANISH STANDARD
 NORMATIVE ESPAGNOLE
 NORMA ESPANHOLA
 SPANISCHE NORM





DECLARATION OF CONFORMITY

according to EN 45014

Manufacturer's Name: ALCAD, S.A.
Manufacturer's Address: Pol. Ind. Arreche-Ugalde, 1
Apdo. 455
20305 IRUN (Guipúzcoa)
SPAIN

declares that the product

Product Name: 904 Series: AMPLIFIERS
Model Number(s): AI-414

Product Option(s): INCLUDING ALL OPTIONS

is in conformity with:

Safety: EN50083-1

EMC: EN 50083-2, EN 50081-1 Electromagnetic Compatibility for Equipment
IEC 61000-4-2:1995 / EN 50082-1:1997 ESD 8KV AD, 4KV CD.
IEC 61000-4-4:1995 / EN 50082-1:1997 EFT 0,5KV-5KHz Sig. Lines, 1KV-5KHz Power Lines.
IEC 61000-4-5:1995 / EN 50082-1:1997 CWG 1KV Power Lines.
IEC 61000-4-11:1994 / EN 50082-1:1997 Dips and Variation.

Technical Features : EN50083-3

Supplementary Information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/ECC and the EMC Directive 89/336/EEC and their relevant amendments, gathared under the directives 93/68/EEC.

Note: to comply with these directives, do not use the products without covers and operate the system as specified.



Irún,

27-09-02

Date

Anton Galarza / General Manager



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ISO 9001



ER-196/1/96