

ATS 40 A

Switchboard
for contactors



WEIGHT:
7,2 kg

DIMENSIONS:
L: 400 mm
W: 200 mm
H: 300 mm

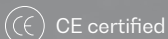
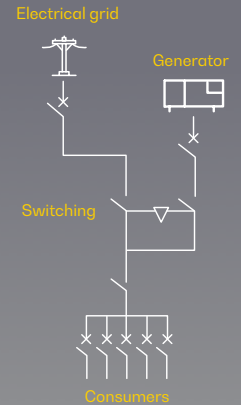
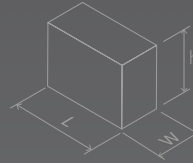


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1. General technical data

General technical data	Contactor application	Resistive load
	Employment category	AC-1
	Frequency	50/60Hz
	Number of poles	4
	Composition of auxiliary contacts	1 NA + 1 NC
Rated operating voltage (U_e)	Supply voltage, state 1 <=690 V CA 25... 400 Hz	
	Supply circuit, state 1 <=300 V DC	
Nominal corr. of employment (I_e)	40 A 60°C at <= 440 V AC-1 for power supply circuit	
	Type of control circuit	AC at 50/60 Hz
	Control circuit voltage (U_c)	230V AC 50/60Hz
	Peak voltage withstand (U_{imp})	6 kV according to IEC 60947
	Overvoltage category	III
Conventional thermal current at <60°C (I_{th})	10 A at <60°C for signalling circuit	
	40 A at <60°C for supply circuit	
Irms rated connection power	140 A AC for signalling circuit according to IEC 60947-5-1	
	250 A DC for signalling circuit according to IEC 60947-5-1	
	450 A at 440 V for supply circuit according to IEC 60947	
Assigned shearing power	450 A at 440 V for supply circuit according to IEC 60947	
Allowable time current (I_{cw})	50 A at <40°C - 10 min for supply circuit	
	120 A at <40°C - 1 min for supply circuit	
	240 A at <40°C - 10 s for supply circuit	
	380 A at <40°C - 1 s for supply circuit	
	100 A - 1 s for signalling circuit	
	120 A - 500 ms for signalling circuit	
	140 A - 100 ms for signalling circuit	

Standards

- CSA C22.2 No 14
- EN 60947-4-1
- EN 60947-5-1
- IEC 60947-4-1
- IEC 60947-5-1
- UL 508

Product certifications

- UL
- BV
- CCC
- LROS (Lloyds Register of Shipping)
- DNV
- CSA
- RINA
- GOST
- GL

50/60 Hz

Remotely operated motorised switch (RTS)

2. Electrical specifications

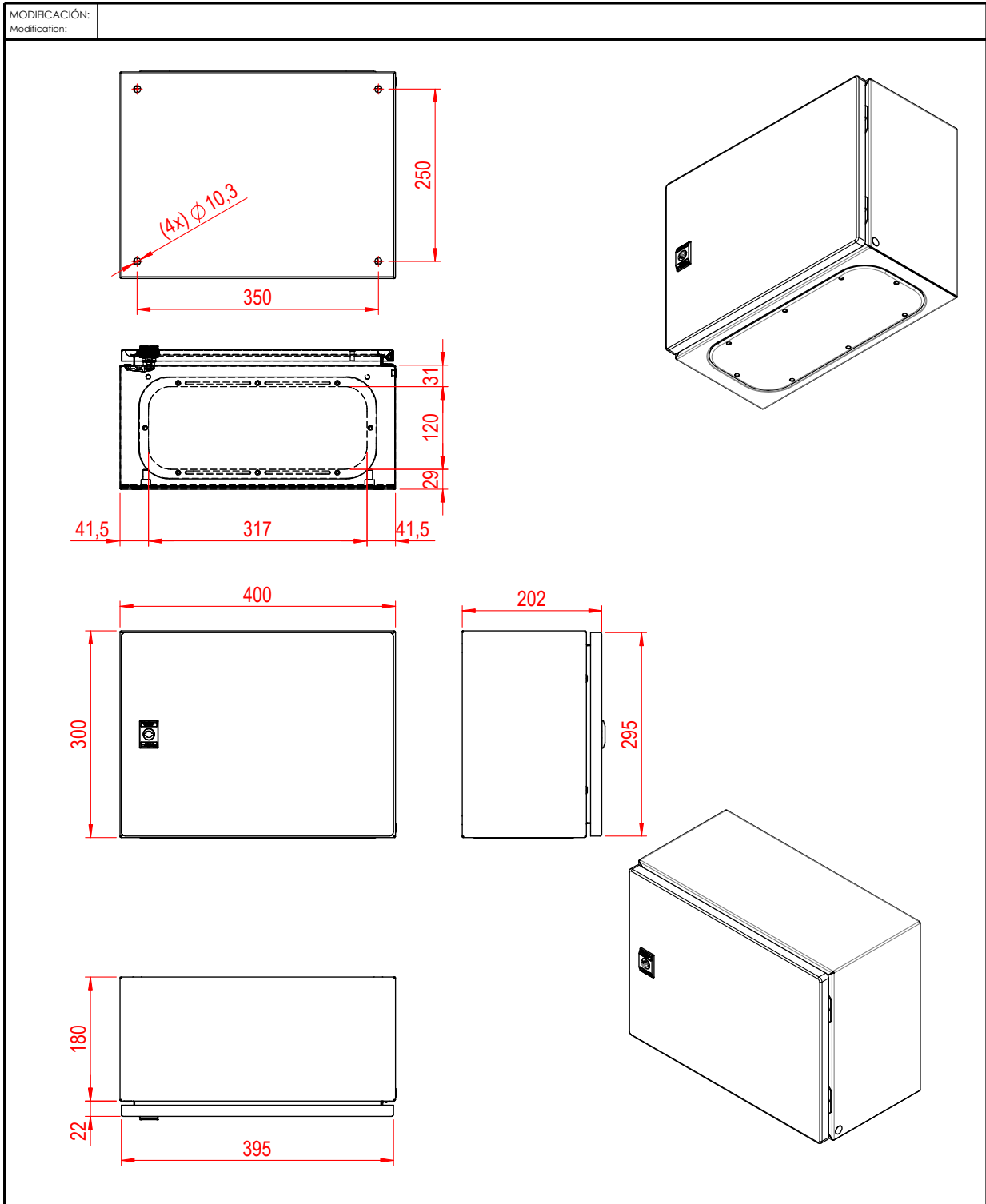
Electrical specifications / Amperage	40A
Associated fuse	10 A gG for signalling circuit pursuant to IEC 60947-5-1 63 A gG at <= 690 V type 1 coordination for power supply circuit 40 A gG at <= 690 V type 2 coordination for power supply circuit
Rated insulation voltage (U_i)	Power supply circuit, status 1 600 V CSA certified Power supply circuit, status 1 600 V UL certified Signalling circuit, status 1 690 V pursuant to IEC 60947-1 Signalling circuit, status 1 600 V CSA certified Signalling circuit, status 1 600 V UL certified Power supply circuit, status 1 690 V according to IEC 60947-4-1
Average impedance	2 mOhm - lth 40 A 50 Hz for power circuit
Power dissipation per pole	3,2 W AC-1
Switching duration, network-group (ms)	26
Switching duration, group-network (ms)	26
Maintenance consumption in VA	70 VA 50 Hz 0,75 20 °C) 70 VA 60 Hz 0,75 20 °C)
Consumption on call in VA	7 VA 50 Hz 0,3 20 °C) 7,5 VA 60 Hz 0,3 20 °C)
Heat dissipation	2...3 W at 50/60 Hz
Maximum cable cross-sections (mm²)	25 mm ² / 2x10 mm ²

3. Mechanical specifications

Electrical specifications / Amperage	40A
Mechanical durability (cycles)	15
Mechanical protection index	IP66
Mechanical shock resistance of the enclosure according to IEC 62262	IK10
RAL Colour	RAL 7035

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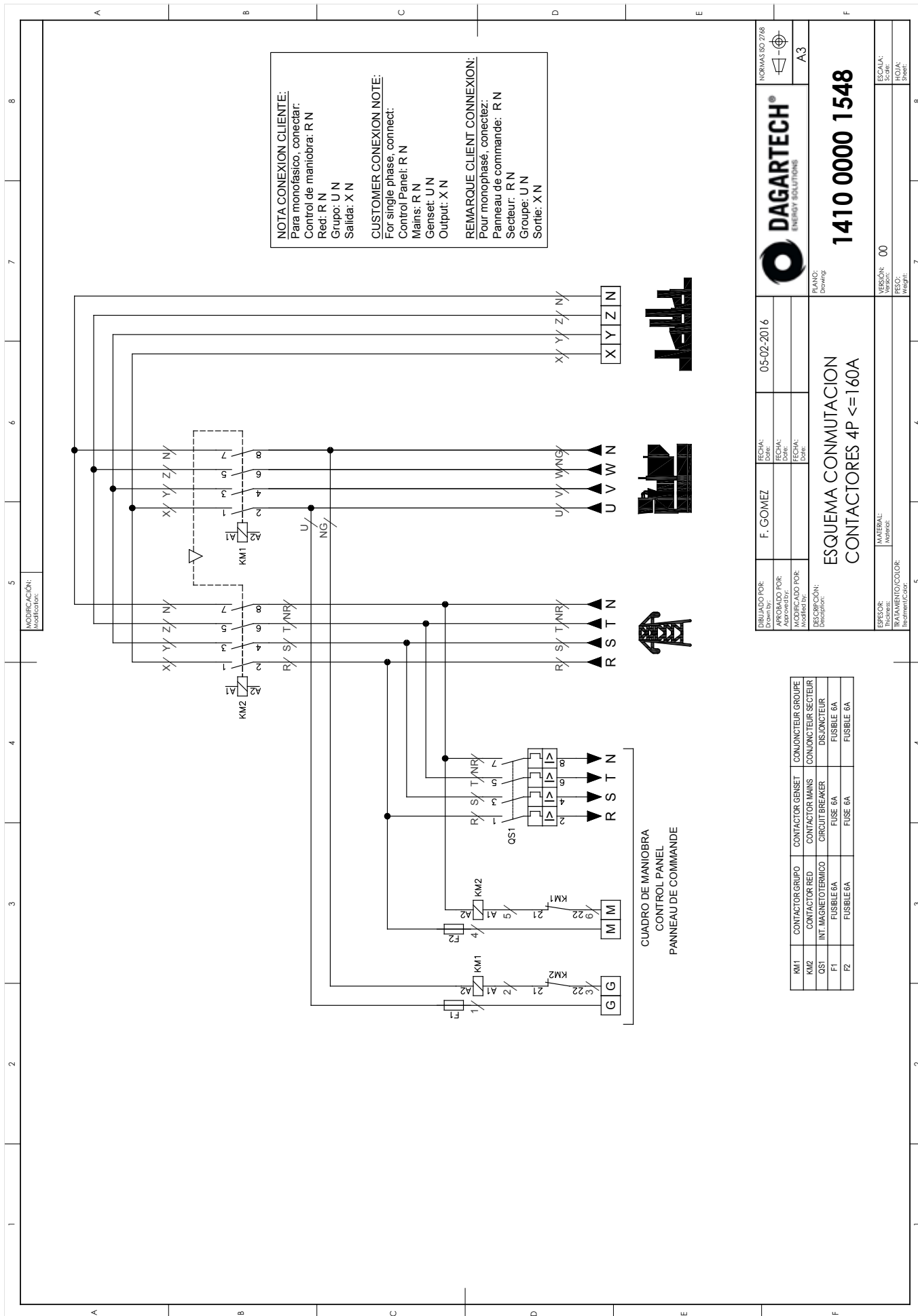
V.0 - 2024. Last update: 19/04/2024. Indicative technical plan and indicative images. Dagartech reserves the right to modify the data in this technical sheet without prior notice.



MODIFICACIÓN: Modification:							
DIBUJADO POR: Drawn by:	PLECINA	FECHA: Date:	24/11/2021			NORMAS ISO 2768-c	
APROBADO POR: Approved by:		FECHA: Date:					
MODIFICADO POR: Modified by:		FECHA: Date:				A4	
DESCRIPCIÓN: Description:				PLANO: Drawing:			
ARMARIO DE CHAPA 300X400X200 - NSYCRN34200 (ALTO X ANCHO X PROFUNDO)				140000005338			
ESPEJOR: Thickness:	MATERIAL: VER LISTADO Material:		VERSIÓN: Version:	ESCALA: 1:7.5 Scale:			
TRATAMIENTO/COLOR: Treatment/Color:			PESO: Weight: 5.94	HOJA: 1 / 1 Sheet:			

V.O. -2024. Last update: 19/04/2024. Indicative technical plan and indicative images. Dagartech reserves the right to modify the data in this technical sheet without prior notice.

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NOTA CONEXION CLIENTE:
 Para monofasico, conectar:
 Control de maniobra: R N
 Red: R N
 Grupo: U N
 Salida: X N

CUSTOMER CONEXION NOTE:
 For single phase, connect:
 Control Panel: R N
 Mains: R N
 Genset: U N
 Output: X N

REMARQUE CLIENT CONNEXION:
 Pour monophasé, connectez:
 Panneau de commande: R N
 Secteur: R N
 Groupe: U N
 Sortie: X N

DIBUJADO POR: Drawn by: F. GOMEZ		FECHA: Date: 05-02-2016		NORMAS ISO 2768	
APROBADO POR: Approved by:		FECHA: Date:		A3	
MODIFICADO POR: Modified by:		FECHA: Date:		1410 0000 1548	
DESCRIPCION: Description: ESQUEMA CONMUTACION CONTACTORES 4P <=160A		PLANO: Drawing:		SECCION: Section: 00	
MATERIAL: Material:		TRATAMIENTO/COLOR: Treatment/Color:		FECHA: Date:	
MATERIAL: Material:		TRATAMIENTO/COLOR: Treatment/Color:		FECHA: Date:	
MATERIAL: Material:		TRATAMIENTO/COLOR: Treatment/Color:		FECHA: Date:	

RM1	CONTACTOR GRUPO	CONTACTOR GENSET	CONJONCTEUR GROUPE
RM2	CONTACTOR RED	CONTACTOR MAINS	CONJONCTEUR SECTEUR
QS1	INT. MAGNETOTERMICO	CIRCUIT BREAKER	DISJONCTEUR
F1	FUSIBLE 6A	FUSE 6A	FUSIBLE 6A
F2	FUSIBLE 6A	FUSE 6A	FUSIBLE 6A



DAGARTECH[®]

CUSTOM ENERGY SOLUTIONS

info@dagartech.com

T +34 976 141 655

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