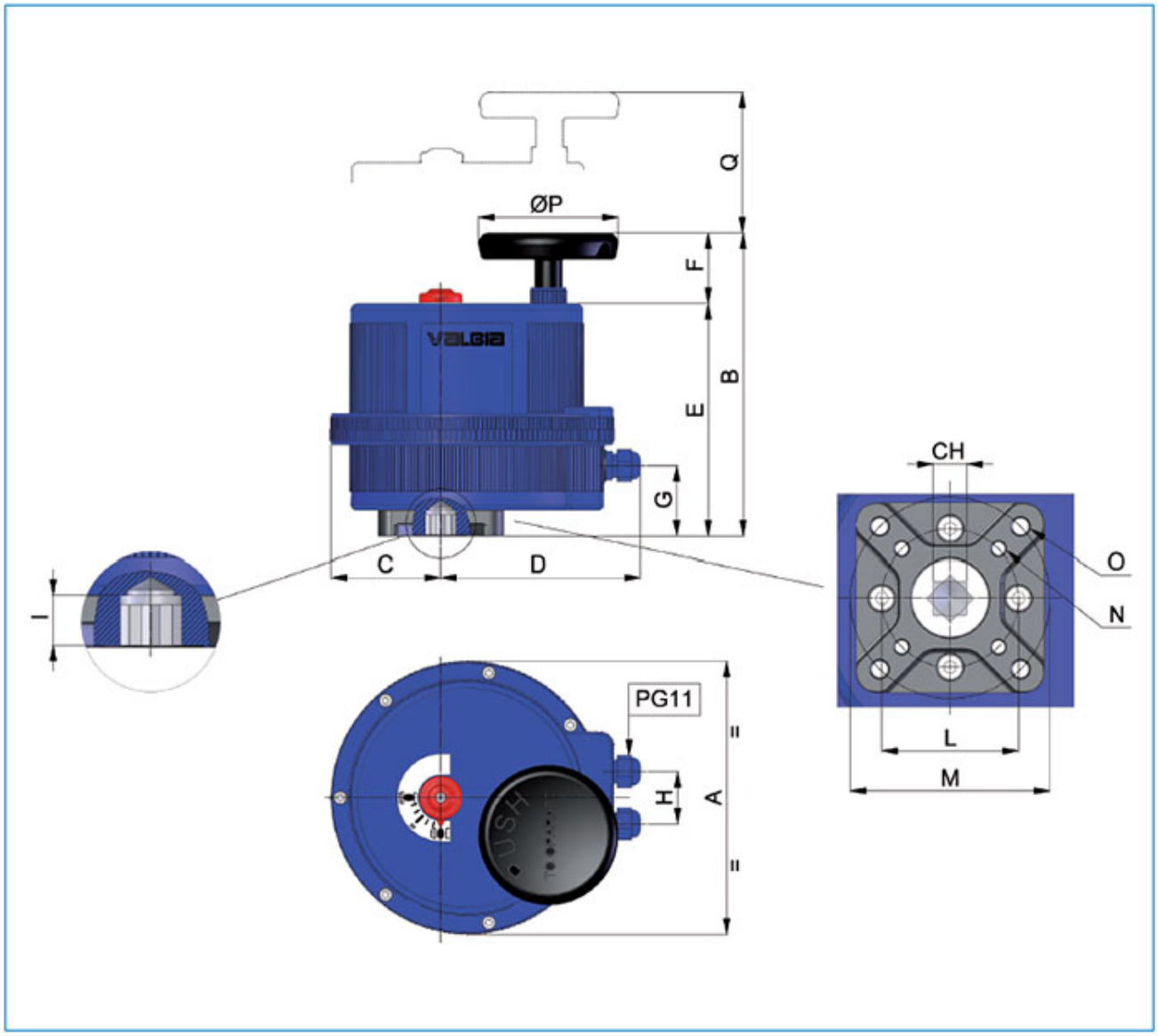
TECHNICAL DATA SERIES 85

MODEL		VB190	
MAX WORKING TORQUE (Nm)		190	
NOMINAL TENSION (V)	LOW VOLTAGE	12V AC/DC	
		24V AC/DC	
	MULTIVOLTAGE	100-240V AC	
WORKING TIME (sec)		27	
TORQUE LIMITER		STD	
DUTY RATING		12V AC/DC	50%
		24V AC/DC	75%
		100-240V AC	
PROTECTION		IP67	
ENCLOSURE		TECHNOPOLYMER	
ROTATION		90°	
UPON REQUEST ROTATION		180° or 270°	
MANUAL OVERRIDE		STD	
POSITION INDICATOR		STD	
WORKING TEMPERATURE		-20°C + 55°C	
HEATER		STD	
ADDITIONAL FREE LIMIT SWITCHES		n°2 STD (type SPDT)	
DRILLING ISO 5211		F07 - F10	
SQUARE (mm)		17	
SQUARE UPON REQUEST (mm)		22-14	
FAIL-SAFE OPERATION (BATTERY BACKUP)		UPON REQUEST	NOT AVAIABLE FOR MOD. 12V
STD (4~20mA or 0~10 VDC) REVERSE (20~4mA or 10~0 VDC) MODE POSITIONER		UPON REQUEST	
MIDDLE POSITION		UPON REQUEST	
ROTARY POTENTIOMETER (5K Î© 1W)		UPON REQUEST	
ELECTRICAL CONNECTIONS		PG11	
WEIGHT (Kg)		4,90	

ELECTRIC ACTUATOR CONSUMPTION DATA

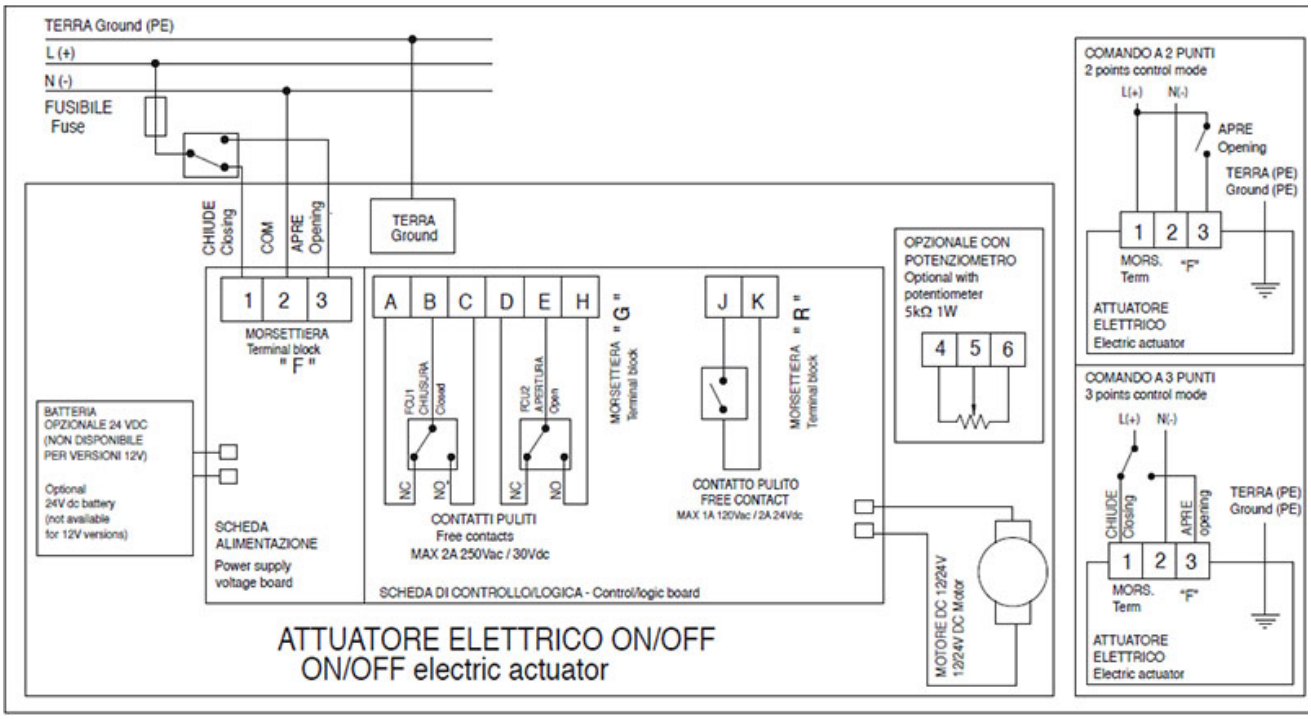
MODEL		VB190	
VERSION H	NOMINAL VOLTAGE	100-240V AC	
	ABSORBED CURRENT	0,6-0,3 A	
	ABSORBED POWER	60-72 VA	
VERSION L	NOMINAL VOLTAGE	12V AC/DC	24V AC/DC
	ABSORBED CURRENT	3,8-2,85 A	1,8-1,2 A
	ABSORBED POWER	46-34 VA	43-29 VA
	FREQUENCY	50/60 HZ	

MOD. VB190

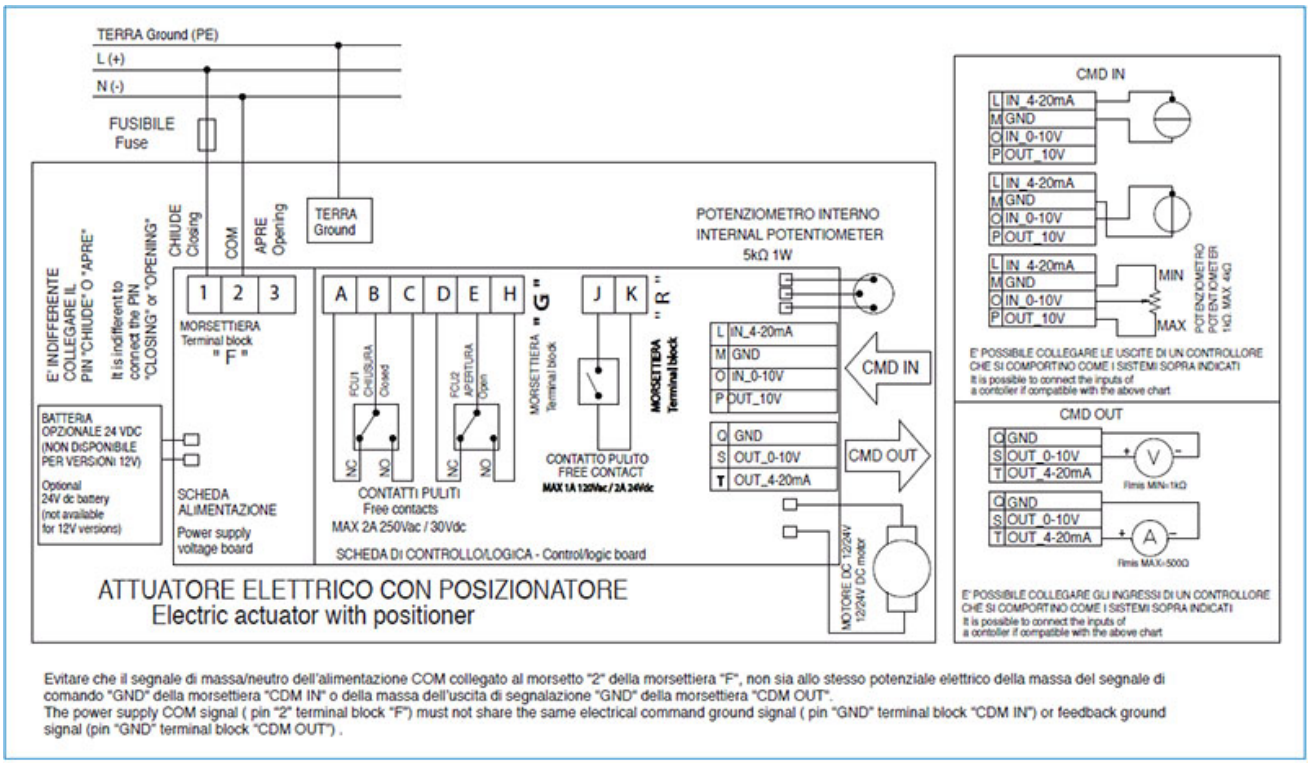


MOD.	DRILLING ISO 5211	CH	A	B	C	D	E	F	G	H	I	L	M	N	O	âÞ..	Q
VB190	F07-F10	17	211	232,1	84	153	178	54,1	54	40	19	70	102	M8X20	M10X20	110	115

ELECTRIC WIRING VB190 12V AC/DC 50/60 Hz, 24V AC/DC 50/60 Hz, 100-240V AC 50/60 Hz

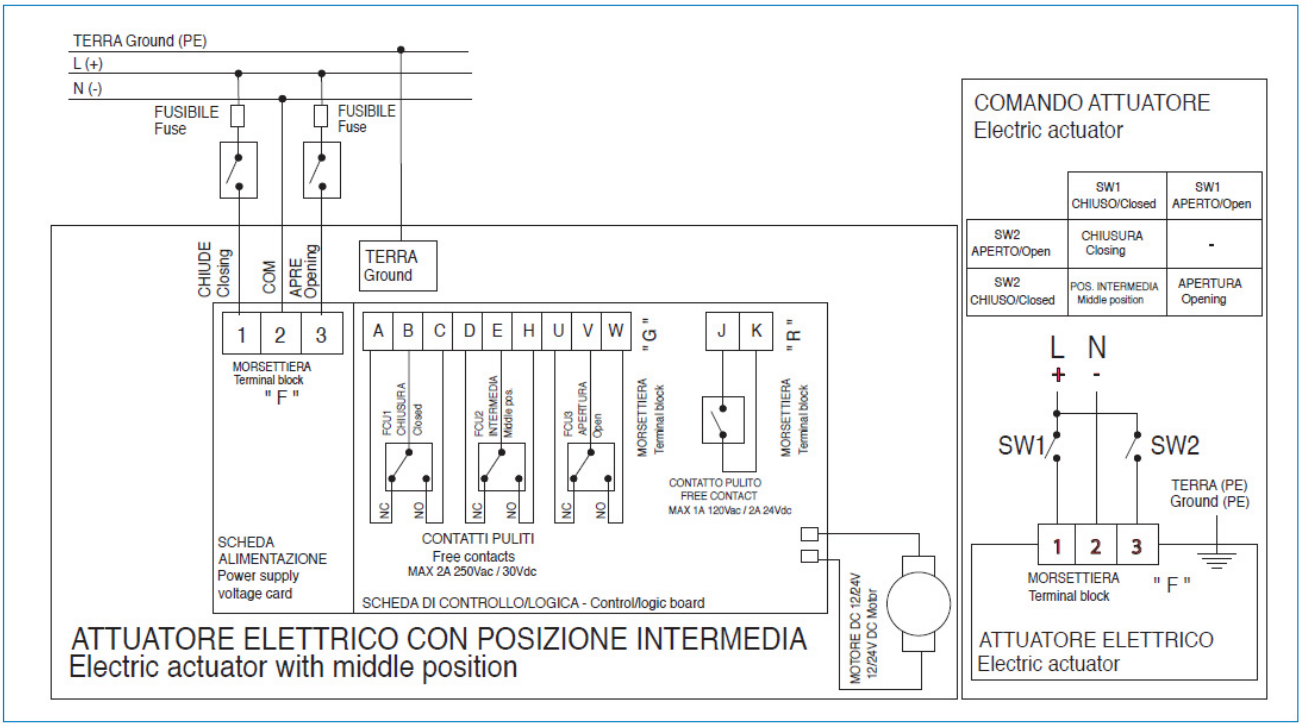


ELECTRIC WIRING WITH POSITIONER VB190 12V-24V AC/DC 50/60 HZ 12V AC/DC 50/60 Hz, 24V AC/DC 50/60 Hz, 100-240V AC 50/60 Hz



Evitare che il segnale di massa/neutro dell'alimentazione COM collegato al morsetto "2" della morsettiera "F", non sia allo stesso potenziale elettrico della massa del segnale di comando "GND" della morsettiera "CDM IN" o della massa dell'uscita di segnalazione "GND" della morsettiera "CDM OUT".
The power supply COM signal (pin "2" terminal block "F") must not share the same electrical command ground signal (pin "GND" terminal block "CDM IN") or feedback ground signal (pin "GND" terminal block "CDM OUT") .

ELECTRIC WIRING WITH MIDDLE POSITION VB190 12V AC/DC 50/60 Hz, 24V AC/DC 50/60 Hz, 100-240V AC 50/60 Hz


TERRA Ground (PE)
L (+)
N (-)
FUSIBILE
Fuse
FUSIBILE
Fuse
CHIUDE
Closing
COM
APRE
Opening
TERRA
Ground
1 2 3
MORSETTIERA
Terminal block
" F "
A B C D E H U V W
" G "
MORSETTIERA
Terminal block
J K
" R "
MORSETTIERA
Terminal block
FCU1
CHIUSURA
Closed
FCU2
INTERMEDIA
Middle pos.
FCU3
APERTURA
Open
NC
NO
CONTATTO PULITO
FREE CONTACT
MAX 1A 120Vac / 2A 24Vdc
CONTATTI PULITI
Free contacts
MAX 2A 250Vac / 30Vdc
SCHEDA
ALIMENTAZIONE
Power supply
voltage card
SCHEDA DI CONTROLLO/LOGICA - Control/logic board
MOTORE DC 12/24V
12/24V DC Motor
ATTUATORE ELETTRICO CON POSIZIONE INTERMEDIA
Electric actuator with middle position
COMANDO ATTUATORE
Electric actuator
SW1
CHIUSO/Closed
SW1
APERTO/Open
SW2
APERTO/Open
CHIUSURA
Closing
-
SW2
CHIUSO/Closed
POS. INTERMEDIA
Middle position
APERTURA
Opening
L N
+ -
SW1
SW2
TERRA (PE)
Ground (PE)
1 2 3
MORSETTIERA
Terminal block
" F "
ATTUATORE ELETTRICO
Electric actuator