

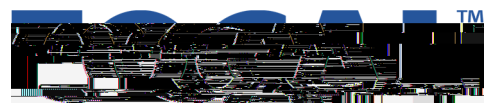


The Model 410 MV junction box is designed to join two three phase circuits, up to 15 kV / 650 , using single or multicore MV power cables. The Model 41# is a larger junction box, rated up to 6 kV / 400 . There is sufficient space inside the enclosure to allow for MV cable termination and routing of cables. There are facilities for connection of cable ground conductors and ground straps for the stress control sleeves.

The junction box is certified as a Class I explosion proof enclosure. Ingress protection is IP66 / IP66, NEMA 4.

For power cables that include optical fibers, a fiber breakout facility is available.

All 400 series products are intended for use on non-loading production lines. They are well suited for an application requiring a product that can withstand harsh marine conditions or require long life with minimal maintenance intervals. Designed and manufactured in our 23001 facility under our project management system.



# 7 specifications

Electrical	
Terminals	\$
Voltage	15 kV – Model 410 \$6 kV – Model 41#
BS9	85 kV – Model 410 145 kV—Model 41#
Current	650
Fault current	\$0 k – 1 sec"
Terminals	/uitable %or landing three cables M1# hardware supplied
Grounding/-onding	9rounding balls on terminals *nternal ground bar %or stress control sleeves (xternal ground connection
Interface	
Mounting	Three support plates
Access	1 o ! ed co&er, &ertical list 6, 0 lbs :\$10 kg;
Panel entry	4able glands
Certifications	
Marine <sup>1)</sup>	? / , 1@V 9> , >A / , ?V
Hazardous #rea	(x d **? T4/T5 9b 1@V 10 T (B #4# , 3B 'Model 410) 1@V 1\$ T (B \$15\$B 'Model 41#) <a href="#">*( 4 (x 1@V 1#"0003B 'Model 41#)</a> ' (x, 4 / ) <sup>1)</sup>
Environmental	
Temperature	-#0 64 to 760 64 'operating) -#0 64 to 7,5 64 'storage)
Ingress	*+66 / *+6, - #0 !
Vibration	1 g in an. direction

<sup>1)</sup> &ailable on reQuest"

Physical	
Height	Model 410 4#- :1080 ! ! ; Model 41# 55- :1400 ! ! ;
Diameter	Model 410 #0- :500 ! ! ; Model 41# \$0- :860 ! ! ;
Weight	Model 410 500 lb :#0 kg; Model 41# 1\$00 lb :600 kg;
Dimensions depend on the configuration	
Material	\$16 / \$16> stainless steel
Drilling	410-800#-00 41#-8005-00
Options	
Heater	/ el%-regulating heater 1#0 V or ##0 V, 100 < 2ther wattages a&ailable
Temperature sensor	+T100 t. pical with trans ! itter %or 4-#0 ! output
Optical	-iber breakouts and bushing brackets or splice tra.s are a&ailable %or cables ha&ing optical %ibers
Current transducers	4urrent transducers can be supplied %or re ! ote ! onitoring o% current
Partial discharge sensor	+artial discharge sensors can be supplied
Accessories	/ uppl. o% stress control sleeves, lugs, glands, reducers, plugs as reQuired
Data Monitoring	Model 430 data acQuisition s. ste !
Extended ratings	4urrent up to 1000 -40 64 to 780 64

All specifications and information are subject to change without notice\* please contact local for the latest updates\*

5 #016 Moog "nc" 1/410/41#-10'5

4 4 4 moog.com/marine

Focal (ec. nologies) corporation # Moog inc's company