

1	<input type="text" value="CUSTOMER"/>	<input type="text"/>	<input type="text" value="MVA"/>	<input type="text"/>
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2	<input type="text" value="OIL"/>	<input type="text" value="MINERAL"/>	<input type="text" value="ESTER"/>	<input type="text" value="SILICON"/>	<input type="text" value="OTHER:"/>
---	----------------------------------	--------------------------------------	------------------------------------	--------------------------------------	-------------------------------------

3	<input type="text" value="SERVICE TYPE"/> <small>NO SUITABLE FOR NUCLEAR PLANT</small>	<input type="text" value="POWER PLANT"/>	<input type="text" value="NETWORK"/>	<input type="text" value="ELEKTROLYSIS"/>	<input type="text" value="MOBILE UNIT"/>
		<input type="text" value="FURNACE"/>	<input type="text" value="WIND-TURBINES"/>	<input type="text" value="CONVERTER"/>	<input type="text" value="OTHER:"/>

4	<input type="text" value="ENVIROMENTAL CONDITIONS"/>	<input type="text" value="NORMAL"/>	<input type="text" value="OTHER:"/>
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5	<input type="text" value="N° PHASES"/>	<input type="text" value="1-PHASE"/>	<input type="text" value="2-PHASES"/>	<input type="text" value="3-PHASES"/>	<input type="text" value="OTHER:"/>
---	--	--------------------------------------	---------------------------------------	---------------------------------------	-------------------------------------

6	<input type="text" value="N° DECK"/>	<input type="text" value="SINGLE"/>	<input type="text" value="DOUBLE"/>	<input type="text" value="OTHER:"/>
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For this section, see Annex A

7	<input type="text" value="TYPE OF CONNECTION:"/>	<input type="text" value="BRIDGE"/>	<input type="text" value="LINEAR"/>	<input type="text" value="WYE"/>	<input type="text" value="Y/Δ"/>	<input type="text" value="S/P"/>	<input type="text" value="OTHER"/>
---	--	-------------------------------------	-------------------------------------	----------------------------------	----------------------------------	----------------------------------	------------------------------------

8	<input type="text" value="VOLTAGE CLASS (kV)"/>	<input type="text" value="24"/>	<input type="text" value="36"/>	<input type="text" value="52"/>	<input type="text" value="72,5"/>
9	<input type="text" value="CURRENT (A) max for each contact"/>	<input type="text"/>			
10	<input type="text" value="REGULATION FOR STEP:"/>	<input type="text" value="≤ 2,5%"/>	<input type="text" value="OTHER:"/>		
11	<input type="text" value="BIL (kV)"/>	<input type="text" value="125"/>	<input type="text" value="170"/>	<input type="text" value="250"/>	<input type="text" value="325"/>
		<input type="text" value="150"/>	<input type="text" value="200"/>		<input type="text" value="350"/>

12	<input type="text" value="N° POSITIONS:"/>	<input type="text"/>
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For this section, see Annex B

12a	<input type="text" value="TUBULAR CONTACT:"/>	<input type="text" value="180 A"/>	<input type="text" value="330 A"/>	<input type="text" value="420 A"/>	
12b	<input type="text" value="THREADED CONTACT:"/>	<input type="text" value="120 A"/>	<input type="text" value="200 A"/>	<input type="text" value="400 A"/>	<input type="text" value="600 A"/>
12c	<input type="text" value="FLAG CONTACT:"/>	<input type="text" value="300 A"/>	<input type="text" value="400 A"/>	<input type="text" value="600 A"/>	<input type="text" value="*1500 A (*flat)"/>
13	<input type="text" value="SILVER PLATED CONTACTS:"/> <small>all tap changers with current ≥ 600 A have silver plated contacts</small>	<input type="text" value="NO"/>	<input type="text" value="YES:"/>	<input type="text" value="FIXED"/>	<input type="text" value="MOVING"/>
				<input type="text" value="COMMON"/>	

For this section, see Annex C

14	<input type="text" value="ASSEMBLING DETAILS:"/>	<input type="text" value="1A"/>	<input type="text" value="1B"/>	<input type="text" value="1C"/>	
		<input type="text" value="2A"/>	<input type="text" value="2B"/>	<input type="text" value="2C"/>	<input type="text" value="2D"/>
		<input type="text" value="3A"/>	<input type="text" value="3B"/>	<input type="text" value="3C"/>	<input type="text" value="3D"/>
		<input type="text" value="4A"/>	<input type="text" value="4B"/>	<input type="text" value="4C"/>	
		<input type="text" value="5A"/>	<input type="text" value="5B"/>	<input type="text" value="5C"/>	<input type="text" value="5D"/>
15	<input type="text" value="DRIVE SYSTEM"/>	<input type="text" value="MANUAL"/>		<input type="text" value="MOTOR"/>	

16	<input type="text" value="OPTIONAL - SHAFT POSITION:"/>	<input type="text" value="BETWEEN PHASES"/>	<input type="text" value="AT SIDE"/>
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Model 010: standard shaft position is at right side. Cannot be between phases
 Model 040 standard shaft position is beetwen central and right phase
 Model 020: standard shaft position is at right side.

1 **CUSTOMER**

2 **TYPE OF ASSEMBLING** HANDLE WITH MOTOR

3 **RATING PLATE LANGUAGES** ENGLISH OTHER:

4 **ELECTRICAL BLOCK** YES NO

5 **MICRO- SWITCHES** YES NO
to remote transmit the positions

6 **SHAFT TRANSMISSION** L(mm)= LO(mm)= LV(mm)=
LA(mm)= LB(mm)= LC(mm)=

7 **MATERIAL SHAFT TRASM.:** STAINLESS STEEL EPOXY FIBER GLASS

8 **PROTECTIVE GUARDS** YES NO *FOR EXTERNAL DRIVE SHAFT

This section have to be filled ONLY in case of Motor Drive

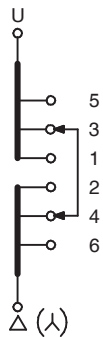
9 **MOTOR DRIVE INFORMATION** MODEL 070-1.12.310

10 **MOTOR FEED VOLTAGE** 3-PHASE V_{Ac} Hz
 V_{Dc}

11 **REMOTE CONTROL** YES NO

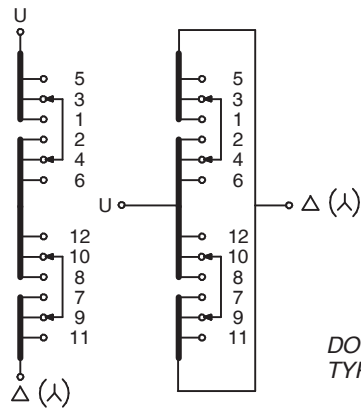
Note:

BASIC CONNECTION FOR RECTILINEAR OFF-CIRCUIT TAP CHANGERS



BRIDGE CONNECTION
TYPES: AT-MT-MTV-K-KL

(A)



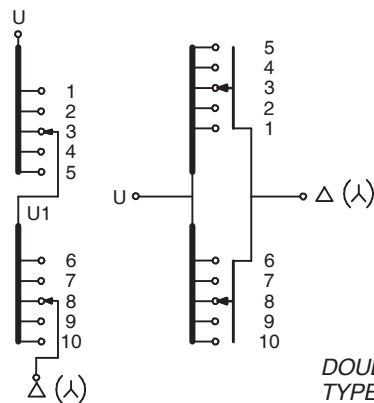
DOUBLE BRIDGE CONNECTION
TYPES: AT-MT-MTV-K-KL

(B)



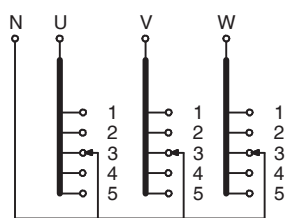
LINEAR CONNECTION
TYPES: ATC-MC-MRV-KR-KLD

(C)



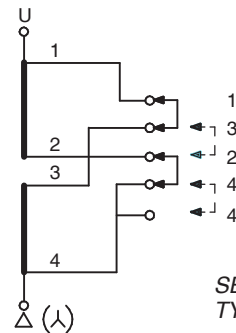
DOUBLE LINEAR CONNECTION
TYPES: ATC-MC-MRV-KR-KLD

(D)



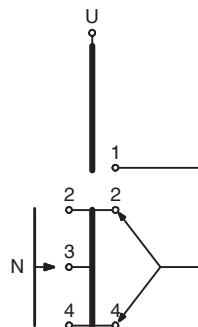
WYE (STAR) CONNECTION
TYPES: ATS-MS

(E)



SERIES / PARALLEL CONNECTION
TYPES: ATSP-MSP-KLSP1020

(F)

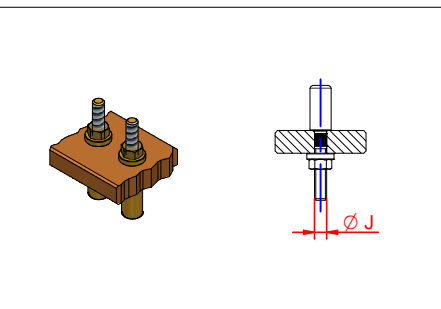


LINEAR CONNECTION WITH REVERSING SWITCH
TYPES: MRV-KR

(G)

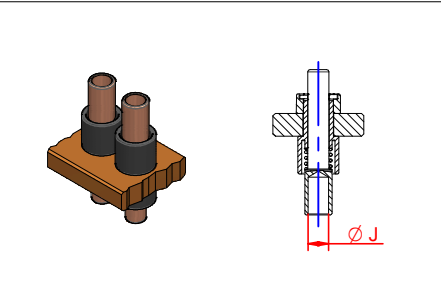
FIXED CONTACTS ONLY FOR SERIES 010-020

THREADED CONTACTS



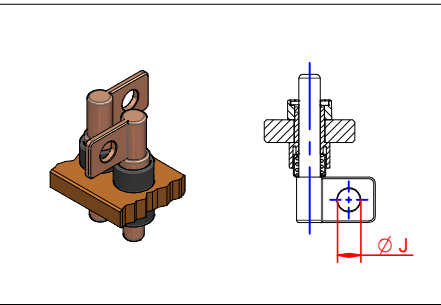
	TYPE	MAX. CURRENT	ØJ	MATERIAL
<input type="radio"/>	CAP 8	120 A	M8	Brass
<input type="radio"/>	CAP 10	200 A	M10	Brass
<input type="radio"/>	CAP 12	300 A	M12	Brass
<input type="radio"/>	CAP 14	400 A	M14	Brass
<input type="radio"/>	CAP 16	600 A	M16	Copper

TUBULAR CONTACTS



	TYPE	MAX. CURRENT	ØJ	MATERIAL
<input type="radio"/>	SAL 10	180 A	11	Copper
<input type="radio"/>	SAL 13	330 A	13,5	Copper
<input type="radio"/>	SAL 15	420 A	15,5	Copper

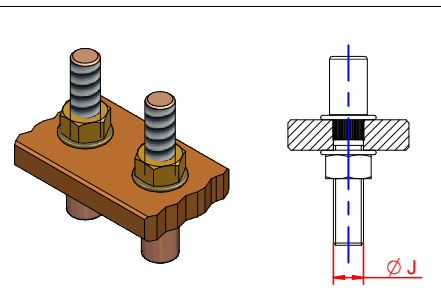
FLAG CONTACTS



	TYPE	MAX. CURRENT	ØJ	MATERIAL
<input type="radio"/>	B 12	400 A	13	Copper
<input type="radio"/>	B 14	400 A	15	Copper
<input type="radio"/>	B 16	600 A	13	Copper

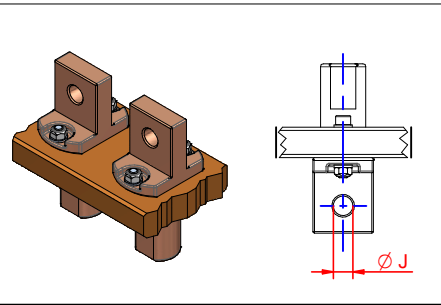
FIXED CONTACTS ONLY FOR SERIES 040

THREADED CONTACTS



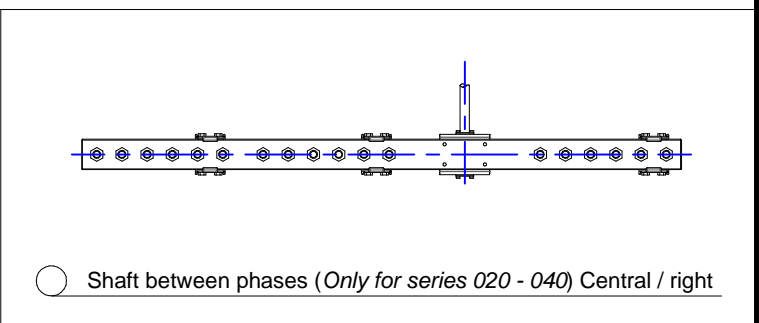
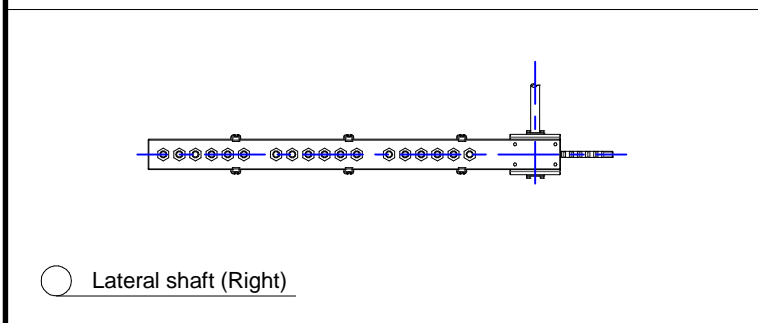
	TYPE	MAX. CURRENT	ØJ	MATERIAL
<input type="radio"/>	800	800 A	M20	Copper

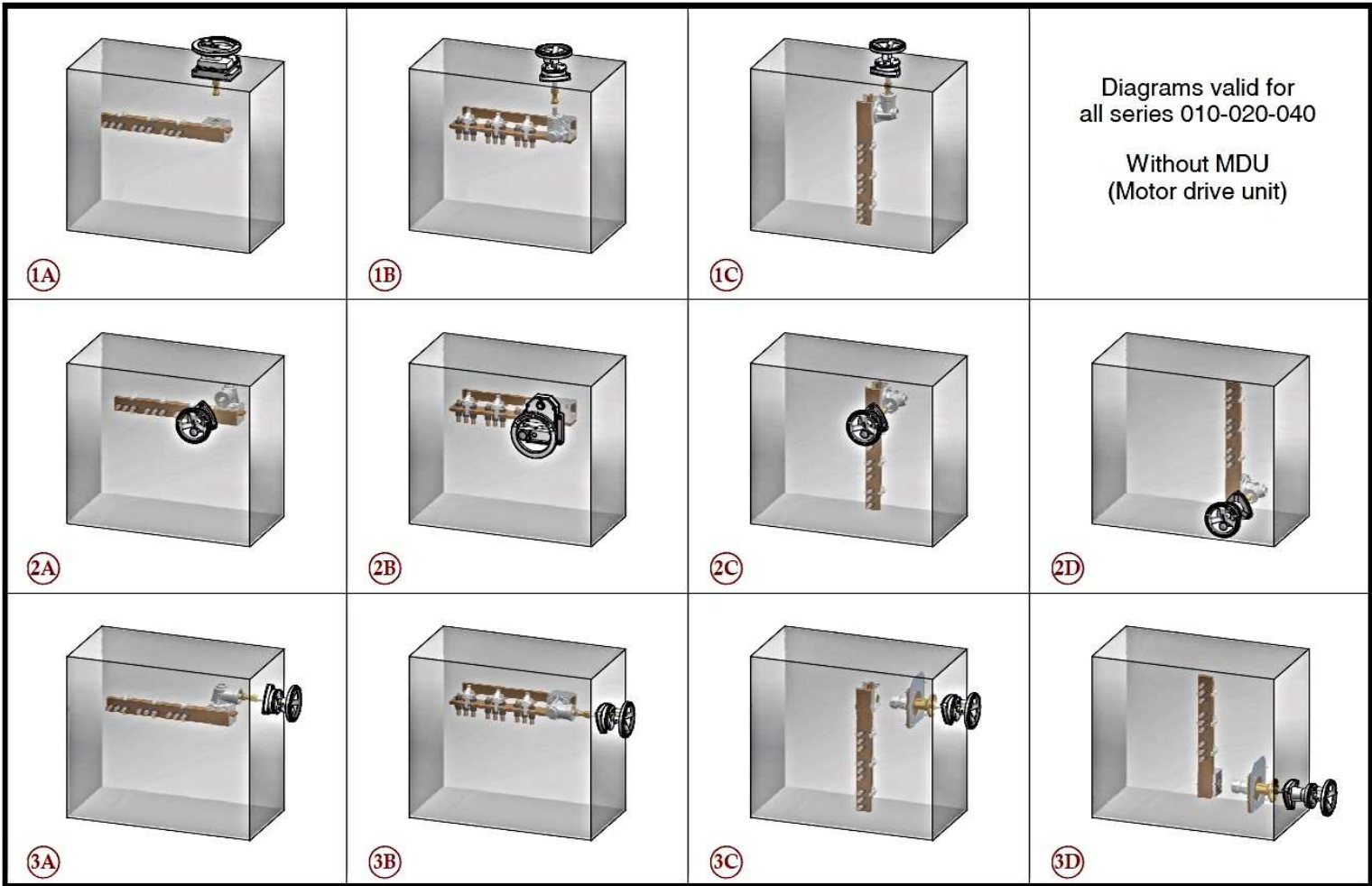
FLAG CONTACTS



	TYPE	MAX. CURRENT	ØJ	MATERIAL
<input type="radio"/>	1500	1500 A	13	Copper

SHAFT POSITION





All above schemes can be manufactured mirror-like "I" (See below examples) Please mark here

