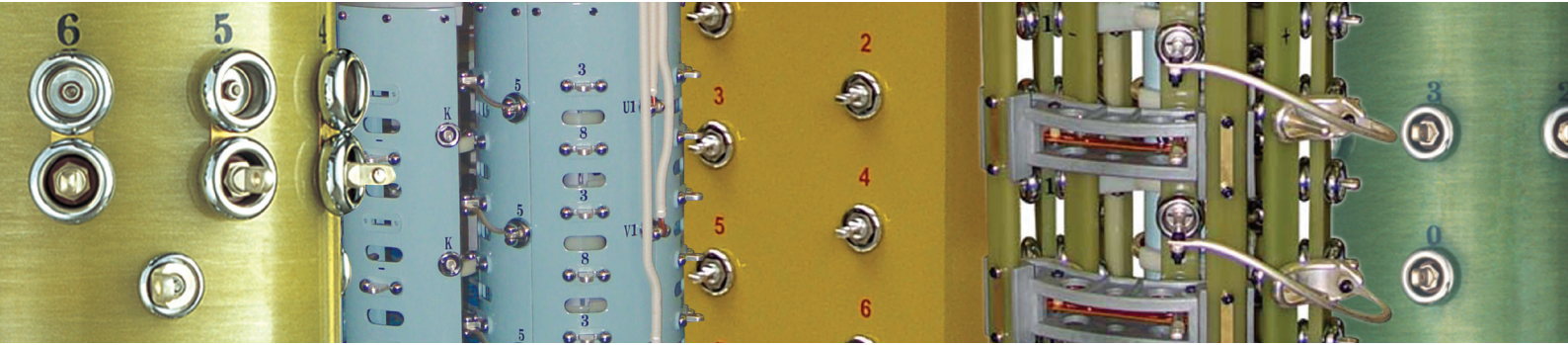


“SMART CHOICE”



Product Range

On-Load Tap Changer
Off-Circuit Tap Changer
Motor Driver Unit
Online Oil Filter Plant

Conventional Oil Type On-Load Tap Changers



CM OLTC



**CM OLTC with
Multiple Coarse &
Fine Regulation**

OLTC Type	CM		CM Multiple Coarse & Fine Regulation	
Phase	3 or 2	1	3	1
Max. rated through current I_{um} up to (A)	600	1500	600	1500
Short circuit current test (kA)				
Thermal (3S)	8	24	8	24
Dynamic (Peak)	20	60	20	60
Max. rated step voltage U_{im} (V)	3300	3300	3300	3300
Rated step capacity P_{stn} (kVA)	1500	3500	1500	3500
The highest voltage for equipment U_m up to (kV)	252	252	252	252
Max. operation positions			107	
Without change-over selector	18	18		
With change-over selector	35	35	With multiple coarse selector	

Conventional Oil Type On-Load Tap Changers



CMD OLTC



CV & SV OLTC

OLTC Type	CMD		CV & SV	
Phase	3	1	3	1
Max. rated through current I_{um} up to (A)	1000	2400	500	700
Short circuit current test (kA)				
Thermal (3S)	12	24	7	10
Dynamic (Peak)	30	60	17.5	25
Max. rated step voltage U_{im} (V)	4000	4000	1500	1500
Rated step capacity P_{stn} (kVA)	3000	5600	525	660
The highest voltage for equipment U_m up to (kV)	252	252	72.5	72.5
Max. operation positions				
Without change-over selector	14	14	14	14
With change-over selector	27	27	27	27

Vacuum On-Load Tap Changers For Oil Immersed Transformers



CM2 OLTC



SHZV OLTC



CV2 OLTC

OLTC Type	CM2		SHZV		CV2	
Phase	3	1	3	1	3	1
Max. rated through current I_{um} up to (A)	600	1500	1000	2400	500	500
Short circuit current test (kA)						
Thermal (3S)	8	24	12	24	7.5	7.5
Dynamic (Peak)	20	60	30	60	18.75	18.75
Max. rated step voltage U_{im} (V)	3300	3300	4000	4000	2000	2000
Rated step capacity P_{stn} (kVA)	1500	3500	3000	5600	525	525
The highest voltage for equipment U_m up to (kV)	252	252	252	252	145	145
Max. operation positions						
Without change-over selector	18	18	18	18	12	12
With change-over selector	35	35	35	35	23	23

Vacuum On-Load Tap Changers For Dry Type Transformers



CZ OLTC



CVT OLTC

OLTC Type	CZ		CVT	
	3	1	3	1
Phase	3	1	3	1
Max. rated through current I_{um} up to (A)	500	500	200	200
Short circuit current test (kA)				
Thermal (3S)	5	5	4	4
Dynamic (Peak)	12.5	12.5	10	10
Max. rated step voltage U_{im} (V)	900	900	500	500
Rated step capacity P_{stn} (kVA)	250	250	80	80
The highest voltage for equipment U_m up to (kV)	72.5	72.5	12	12
Max. operation positions				
Without change-over selector	17	17	9	9

Off-Circuit Tap Changers



**WSL
THREE-PHASE OCTC**

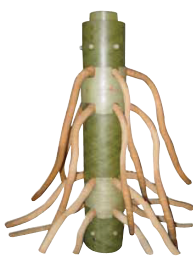


**WDL
SINGLE PHASE OCTC**



**WSL-D
TOP MOTORIZED OCTC**

OCTC Type	WSL	WDL	WSL-D
Phase	3	1	3
Max. rated through current I_{um} up to (A)	4000	6000	600
Short circuit current test (kA)	Thermal (3S)	60	9
	Dynamic (Peak)	150	22.5
The highest voltage for equipment U_m up to (kV)	363	363	40.5
Max. operation positions	11	11	13
Connection	linear, single-bridging double-bridging, reversing star-delta, series-parallel		linear, single-bridging
Operation mode	hand wheel on top manual driving mechanism at side motor driving mechanism at side		motor driving on top



WLG OCTC (A TYPE)



WDG OCTC (B TYPE)



WSG OCTC (C TYPE)

OCTC Type	A TYPE			B TYPE	C TYPE
	WDG	WLG	WSG	WDG	WSG
Phase	1	2	3	1	3
Max. rated through current I_{um} up to (A)	2000	2000	1000	2000	1600
Short circuit current test (kA)	Thermal (3S)	20	12	20	16
	Dynamic (Peak)	50	30	50	40
The highest voltage for equipment U_m up to (kV)	126	126	126	252	126
Max. operation positions Refer to technical data for details	2,5,7	2,5,7	5,7	5	7
Connection	linear, single-bridging double-bridging, reversing star-delta, series-parallel			linear single-bridging	reversing
Operation mode	manual operation on top or at side motor driving at side				



Tap Changer Motor Drive Unit And OLTC Online Oil Filter Plants



SHM-D Motor Drive Unit



ZXJY-1 OLTC Online Oil Filter Plant



ZXJY-3 OLTC Online Oil Filter Plant

SHM-D Motor Drive Unit		OLTC Online Oil Filter Plants	
Application	All tap changers	Application	Online OLTC oil filtering
Rated power	750W	Rated power	370W
Rated voltage	380V/AC	Rated voltage	380V/AC
Power frequency	50Hz or 60Hz	Power frequency	50Hz or 60Hz
Revolution of drive shaft per switching operation	33	Rated flow	9L/min
Type of controller	SHM-K	Filter core accuracy	5µm

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ELEKTROMEKANİK ÜRETİM A.Ş.

“SMART CHOICE”

THE LEADING MANUFACTURER OF ON-LOAD AND
OFF-CIRCUIT TAP CHANGERS FOR TRANSFORMERS



AREAS OF USE

Power Grids & Energy Sector
Chemical, Metallurgical and
Railway Projects



HOLDER OF

Holder of Over 200
Patents in Tap Changer
Design



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