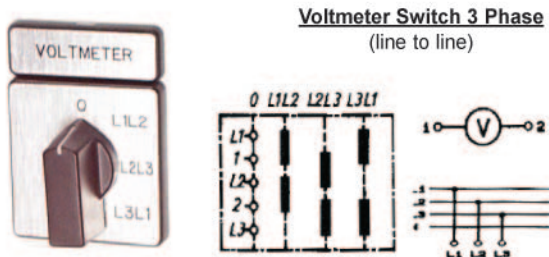
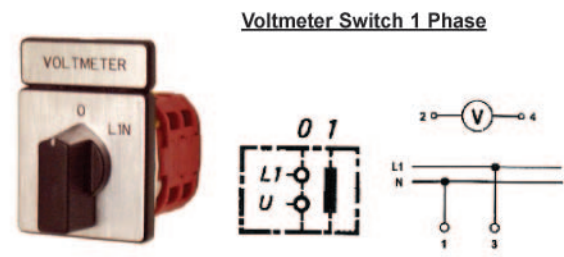


METER SWITCHES (Front Mount)

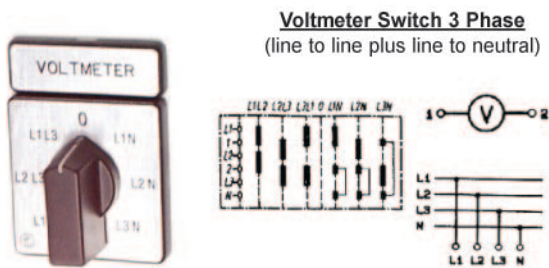
See Bulletin D1 for Series D1 Meter Selections



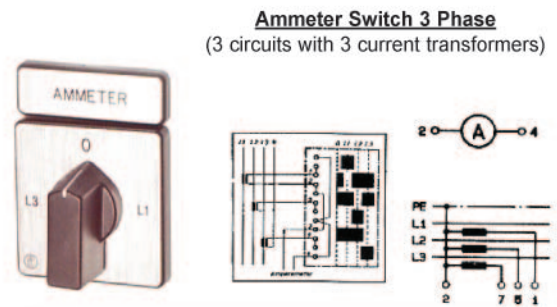
Catalog No.	List	No. Chambers
E D1-2V 1FM-SO	\$65	2
E V2N 2V 1-FS	\$72	2



Catalog No.	List	No. Chambers
ED 1V 1FM-SO	\$55	1
E V2N 1V1-FS (25 Amp)	\$72	2

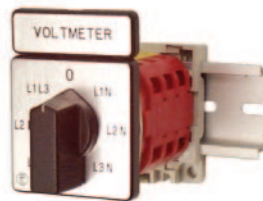


Catalog No.	List	No. Chambers
E D1-3V 1FM-SO	\$108	4
E V2N 3V 1-FS	\$84	4



Catalog No.	List	No. Chambers
E D1-1MA 1FM-SO	\$88	3

For Base Mount, substitute "BS" for FS in catalog number. Same price.



For Single Hole Mount, (22mm (7/8")) substitute "HS" for FS in catalog numbers. Add \$5.00 list.

To convert 22mm mount to Full Size, 30.5mm mount, add adapter ring:
P/N# ED-134353 \$0.80 list

Ammeter Switch 3 Phase
(3 circuits with or without current transformers)

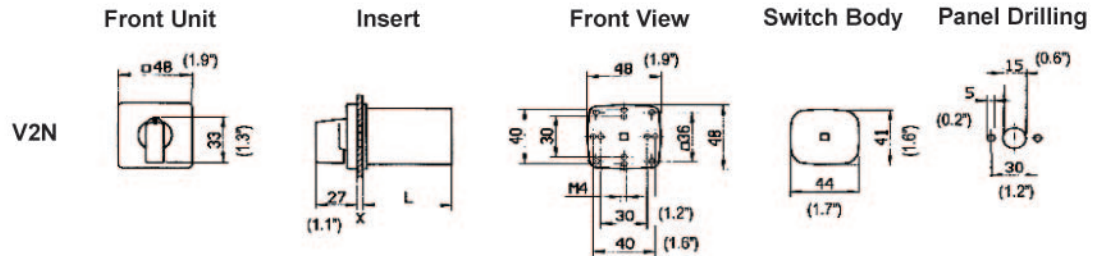


Catalog No.	List	No. Chambers
E V2N-MT3-1FM-SI	\$104	5

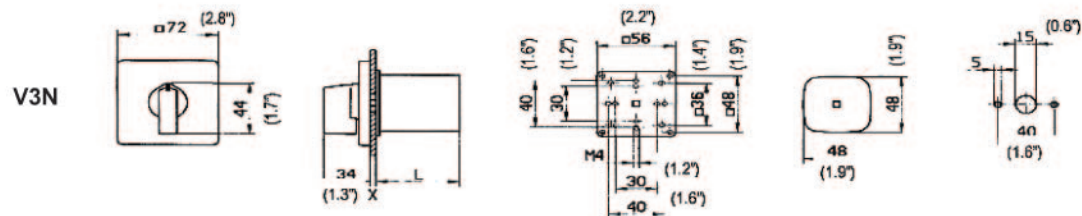
Other Meter Switches are also available, including combination 3 phase ammeter/voltmeter type.

OPEN TYPE V2N, V3N

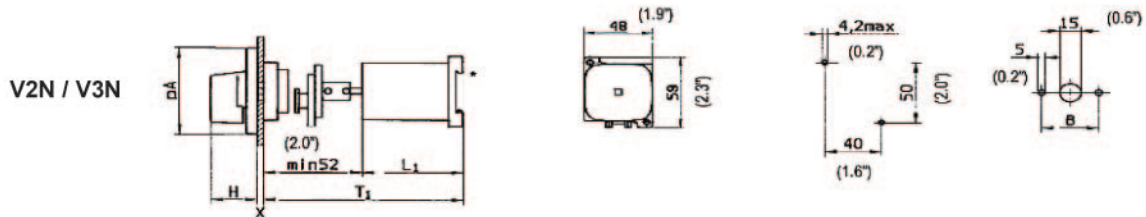
mm inches



Front Mount (F)			Number of contact chambers										
Type/Type	X max.	Dim	1	2	3	4	5	6	7	8	9	10	11
V2N	4	L	33	45	57	69	81	93	105	117	129	141	153
		L	(1.3)	(1.8)	(2.2)	(2.7)	(3.2)	(3.7)	(4.1)	(4.6)	(5.1)	(5.6)	(6.0)




Front Mount (F)			Number of contact chambers										
Type/Type	X max.	Dim	1	2	3	4	5	6	7	8	9	10	11
V3N	4	L	34	47	60	73	86	99	112	125	138	151	164
		L	(1.3)	(1.8)	(2.4)	(2.9)	(3.4)	(3.9)	(4.4)	(4.9)	(5.4)	(5.9)	(6.5)



With Safety Door Interlock (S)				Number of contact chambers											
A	H	B	Xmax	Dim	1	2	3	4	5	6	7	8	9	10	11
Type V2N				L ₁	39	47	60	73	86	99	112	125	138	151	164
48	27	30	4	L ₁	(1.5)	(1.8)	(2.4)	(2.9)	(3.4)	(3.9)	(4.4)	(4.9)	(5.4)	(5.9)	(6.5)
(1.9)	(1.1)	(1.2)	(1.6)	T	100-106	112-118	124-130	136-142	148-154	160-166	172-178	184-190	196-202	208-214	220-226
				T	(3.9)	(4.4)	(4.9)	(5.4)	(5.8)	(6.3)	(6.8)	(7.2)	(7.7)	(8.2)	(8.7)

Type V3N				L ₁	40	53	66	79	92	105	118	131	144	157	170
48	27	30	4	L ₁	(1.6)	(2.1)	(2.6)	(3.1)	(3.6)	(4.1)	(4.6)	(5.2)	(5.7)	(6.2)	(6.7)
(1.9)	(1.1)	(1.2)	(1.6)	T	106-112	118-124	130-136	142-148	154-160	166-172	178-184	190-196	202-208	214-220	226-232
				T	(4.2)	(4.6)	(5.1)	(5.6)	(6.1)	(6.5)	(7.0)	(7.5)	(7.9)	(8.4)	(8.9)

UL/CSA Rating

Switch Size			V2N	V3N	VN32	VN50	VN80	VN125	VN200
Canada/USA		V•	600	600	600	600	600	600	600
General Use	600V ac max. 3 phase	A	25	35	50	60	100	100	200
Motor 3 phase	240 V	hp	5	7.5	10	20	25	30	40
	480 V	hp	10	15	25	40	50	60	75
	600 V	hp	10	20	20	30	50	50	100
Single phase	120 V	hp	2	2	3	5	5	7.5	10
	240 V	hp	2	3	7.5	10	15	15	20

Note: Above UL/CSA ratings are as submitted to UL.

⁽¹⁾ only CSA tested

International Rating

Switch Size		V2N	V3N	VN32	VN50	VN80	VN125	VN200	
Rated insulating voltage IEC 947 (111/3)	v•	690	690	690	690	690	690	690	
Rated impulse voltage IEC 947 (111/3)	KV	6	6	6	6	6	6	6	
Thermal rated current open with max. wire cross section (without connections)	I _{th}	A	25	32	63	80	115	150	250
Connectable cross sections single resp. multi-strand	mm ²	0.75-4	1-6	2.5-10	2.5-16	4-35	16-50 ⁽¹⁾	35-120 ⁽¹⁾	
Fine wire with core end bush (DIN 46 228)	mm ²	0.75-2.5	0.75-4	1.5-6	2.5-10	2.5-25	-	-	
Terminal Screws		M4	M4	M5	M5	2xM4	M8	M10	
Short-circuit protection, fusible cut out	gL or aM	A max.	25	35	63	80	125	160	250
Properties of main switches									
Requirements for isolators compiled with up to	v•	• 690	• 690	• 690	• 690	• 690	• 690	• 690	
Clear indication of switching position									
Switching capacity under alternating voltage conditions									
AC-21									
Load break switches									
Rated operating current	I _e	A	25	32	50	63	115	150	250
Rated operating voltage	U _e	v•	690	690	690	690	690	690	
AC-23	220...240V, 3• kW	5.5	7.5	11	22	30	45	55	
Motor switches (main switches)	380...440V, 3• kW	11	15	22	30	55	75	90	
	500V, 3• kW	-	-	18.5	30	45	90	110	
	660...690V ⁽²⁾ 3• kW	-	-	18.5	22	30	45	45	
AC-3	220...240V, 3• kW	4	7.5	7.5	11	22	30	37	
Motor switches for operational switching	380...440V, 3• kW	7.5	11	15	22	37	55	65	
	500V, 3• kW	7.5	11	18.5	30	45	75	90	
	660...690V ⁽²⁾ 3• kW	11	15	18.5	22	30	45	45	
AC-4	220...240V, 3• kW	1.1	2.2	2.2	3	4	7.5	11	
Motor switches inching counter current breaking	380...440V, 3• kW	2.2	3	5.5	7.5	11	18.5	22	
	500V, 3• kW	2.2	3	5.5	7.5	15	22	30	
	660...690V ⁽²⁾ 3• kW	3	4	5.5	7.5	7.5	15	15	
AC-15 Control switches	I _e at 220-240/380-440/500V	A	6/4/-	9/6/-	16/8/7	-	-	-	

⁽¹⁾ with DIN cable lug

⁽²⁾ Rated mains voltage DIN IEC 38