

CAT. NUMBER

1 2 3 4 5 6 7 8 9 10 11

CATALOG NUMBERING SYSTEM

NOTES:

- 5VHK MODEL 20 & MODEL 40 ARE INTERCHANGEABLE WITH 5HK MODEL 03.
- 5VHK MODEL 23 IS INTERCHANGEABLE WITH 5VHK MODEL 05 (NOT HK OR HKV.)
- 15VHK MODEL 20 IS INTERCHANGEABLE WITH 15VHK MODEL 05 (NOT HK OR HKV.)
- USE WIRING DIAGRAMS FROM W/D INDEX 168560.
- OPERATING SEQUENCE: AC & DC CLOSE=188572
- WIRING DIAGRAM LEGEND 188571.
- ACCESSORIES: 166500- T01 (5VHK MOD 20/21); T02 (MOD 23 & 15VHK); T04 (MOD 40/41).
- FOR TRAVEL RECORDER (TO MEASURE CONTACT SPEED), ORDER PER 160202.
- WHEN ORDERING "MATCH & LINE" BREAKERS, USE "VHK-X" ORDERING FORM S-20213.

TYPE	MODEL	HEIGHT	SWITCHGEAR	MODULE	WIDTH
5 VHK	20/40	48.56"	5HK(80")	CBD05	26"
5 VHK	21/41	31.75"	5HK(80") W/SUB-PANEL	CBD05 W/SUB-PANEL or CBD26	26"
5 VHK	23	37.12"	HK-II	CBD36	36"
15 VHK	20	37.12"	HK-II	CBD36	36"

ADD NUMBERS: WHEN REQUIRED, PLACE IN SEPERATE PARENTHESIS, LOWEST NUMBER FIRST.

* * * NOTICE * * *

UL LISTING IS NOT PRESENTLY AVAILABLE ON ANY OF THESE BREAKERS.

FOR UL LISTED 36" VHK BREAKERS, SEE MODEL 05 ORDERING AID 160200.

CONTACT FLORENCE MARKETING FOR ANY QUESTIONS ABOUT UL AVAILABILITY.

* * * NOTICE * * *

FOR 7.5KV/500MVA USE MODEL 05.

* * * NOTICE * * *

REPLACED BY MODEL "05"

12/01/97

MODEL NO. (INTERCHANGE)
SEE NOTES (1) AND (8)

▲ AC TRIP IS NOT RECOMMENDED.

NOTE 1. USE REMOTE MOUNTED CAPACITOR TRIP UNIT 192923:
T01 = 120VAC AND ORDER 125VDC TRIP BREAKER
T02 = 240VAC AND ORDER 250VDC TRIP BREAKER

NOTE 2. USE OF CUSTOMER SUPPLIED CAPACITOR TRIP UNIT REQUIRES THAT THE CUSTOMER SUPPLY THE RATED OUTPUT VOLTAGE OF THE CAPACITOR TRIP UNIT TO BE USED AND ORDER BREAKER TRIP VOLTAGE AS FOLLOWS:

CUSTOMER TRIP UNIT OUTPUT VOLTAGE RANGE	SHUNT TRIP VOLTAGE
100-170VDC	125VDC
200-340VDC	250VDC

ANY OTHER VOLTAGE OUTPUT REQUIRES THE APPROVAL OF CIRCUIT BREAKER ENGINEERING GROUP.

▲ USE OF A NUMBER '9' ANYWHERE IN THE THE CATALOG NO. REQUIRES THE WRITTEN SPECIFICATION AS TO WHAT IS SPECIAL. ALSO INCLUDE A '99' SUFFIX FOR SPECIALS.

ORDERS FOR ANY SPECIAL FEATURE REQUIRES APPROVAL OF CIRCUIT BREAKER ENGINEERING GROUP.

CONTROL VOLTAGE

120V 60Hz	1 3 ▲
240V 60Hz	2 4 ▲
24VDC	5
48VDC	6 6 6
125VDC	7 7 7
250VDC	8 8 8
SPECIAL Δ	9 9 9
CHARGE	
CLOSE	
TRIP	

AC CAT #3 & #4 IDENTIFY RESISTORLESS CLOSE CIRCUIT. (#1 & #2 ARE REPLACED) SELECT DIAGRAMS FROM W/D INDEX 168560. (Was 165900)

REV	DATE	REVISION DESCRIPTION	BY	REV	DATE	REVISION DESCRIPTION	BY
13	5/18/96	44559] DIGIT 8 #3 & #4 WAS #1 & #2 (AC CLOSE)	W/LJ	10	02/12/93	3201] ADD NOS. 03-06 WERE ONLY ON 5VHK MODEL 20.	TRJ
14	11/17/97	5027] MODEL 23 & 15VHK MOD 20 REPLACED BY MOD 05	W/LJ	11	03/17/93	3250] +ADD NO. 00; ADDER SECT. REDWN. ON CAD.	ESH
15	9/1/99	5491] + NOTES 1 AND 2 FOR 'CAPACITOR TRIP'	WRC	12	11/10/95	4249] -7.5VHK500, +MOD 40/41; CAT. NO. DIGIT #4 WAS FACTORY VARIABLE; +ADDS 07, 28 & 99; +MOD 23 TO NOTE (1); +SWGR. HEIGHT TO NOTE (8); WAS 2 SHI. DWG.	JKS

STANDARD TOLERANCE INFORMATION ON DRAWING No. 52018

DIMENSIONS ARE IN INCHES

TOLERANCES - UNLESS OTHERWISE SPECIFIED:

3-PLACE DECIMAL ±

2-PLACE DECIMAL ±

ANGLES ±

REF 26" MODEL 20/40
26" MODEL 21/41
36" MODEL 20
36" MODEL 23

REV 15 TITLE 5 & 15VHK ORDERING AID
MODELS 20, 21, 23, 40 & 41
DATE DRN 06/08/88 DATE REL 06/10/88 DWG NO. S-20210
DRN RLB CRO APP'D MW

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