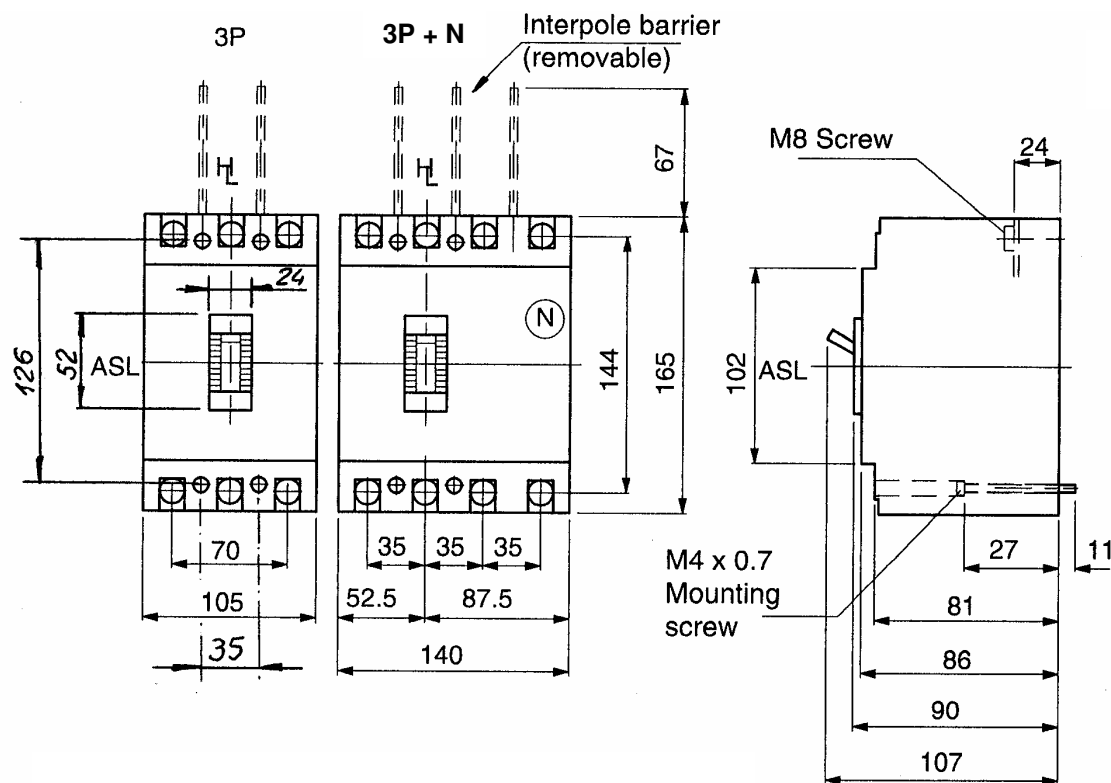


CIRCUIT BREAKER

TERASAKI

Internal name + designation :

Circuit breaker + Article number

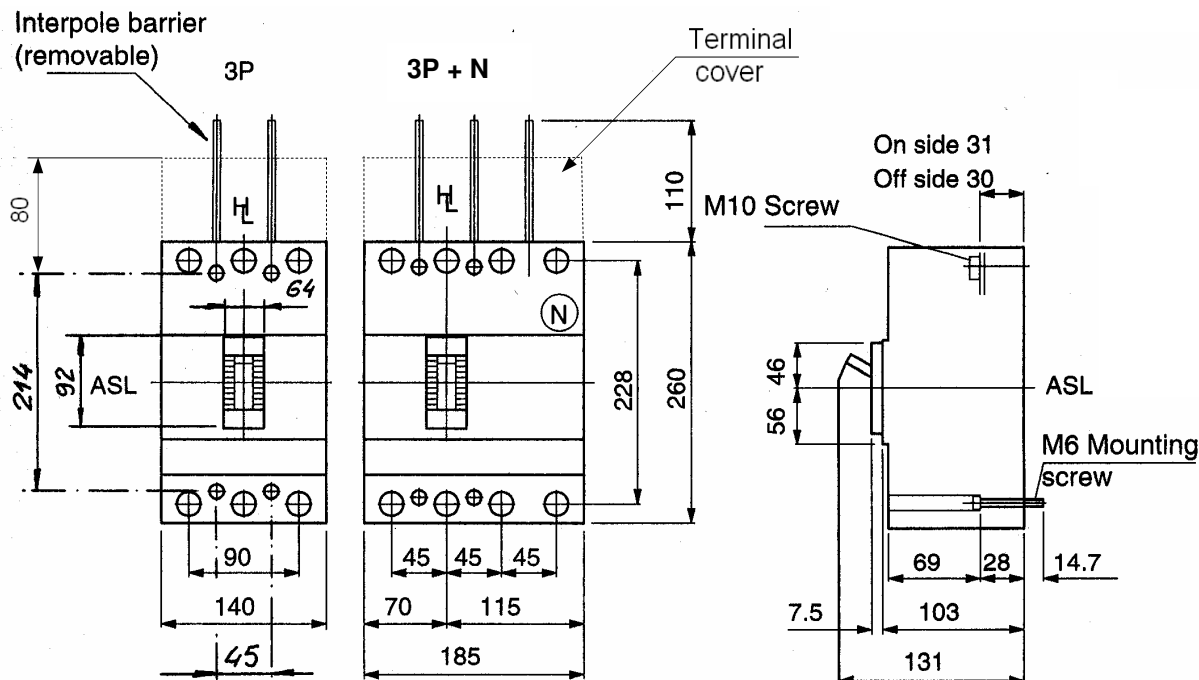


Technical data		Article number
Common data	Distinction data	
Type : XS 160 NJG + 12 V DC SHT Rated voltage : Max. 690 V, 50/60 Hz With built-in trip coil 12 V, DC		1089 9474 56
Ref.: 2042 19716 + 212 002 022 $I_{th} = 100 - 160 \text{ A}$ $I_m = 400 \text{ A}$ 3 pole + N		1089 9474 59
Ref.: 2042 19516 + 212 002 022 $I_{th} = 100 - 160 \text{ A}$ $I_m = 400 \text{ A}$ 3 pole		

Technical data		Article number
Common data	Distinction data	
<u>Type : XS 250 NJG + 12 V DC SHT</u> Rated voltage : Max. 690 V, 50/60 Hz With built-in trip coil 12 V, DC	<u>Ref.: 2042 22725 + 212 002 022</u> $I_{th} = 160 - 250 \text{ A}$ $I_m = 625 \text{ A}$ 3 pole + N	1089 9474 57
	<u>Ref.: 2042 22525 + 212 002 022</u> $I_{th} = 160 - 250 \text{ A}$ $I_m = 625 \text{ A}$ 3 pole	1089 9474 60
<u>Type: 1 x SPDT contact</u> Motor drive: For XS125 XS160 XS250	<u>Ref.: 212 0001 003</u> Control voltage: 200 – 220 VAC / 50 Hz (tol.-15% / +10%) Rating: 100VA	1089 9474 03

Internal name + designation :

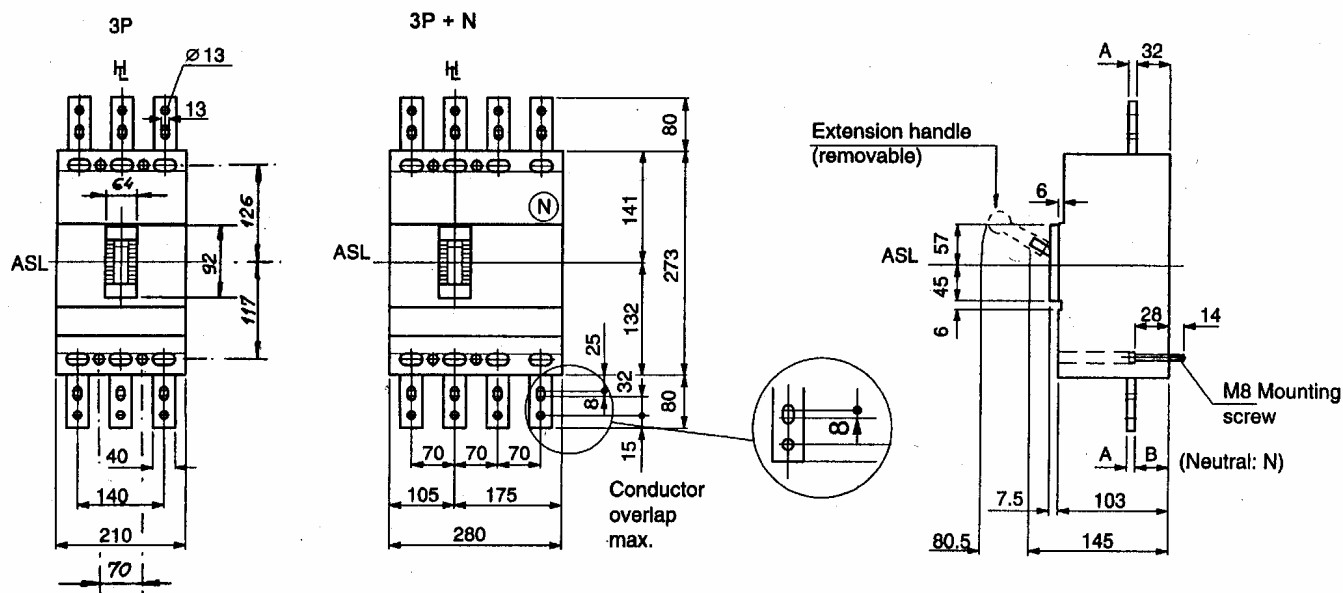
Circuit breaker + Article number



Technical data		Article number
Common data	Distinction data	
Type : XH 250 PE Rated voltage : Max. 690 V,50/60 Hz Without trip coil Overload protection : 0,8 – 1 x I _o (A) Short circuit protection : 2 – 10 x I _o (A) 3 – 12 x I _o (A) (fast acting)		1089 9474 01
Ref.: 2042 80525 I _{th} = 125 – 250 A 3 pole Including aux. contact 2120 010 04		1089 9474 02
Type : XS 400 SE - C Rated voltage : Max. 690 V,50/60 Hz Without trip coil Overload protection : 0,8 – 1 x I _o (A) Short circuit protection : 2 – 10 x I _o (A) 3 – 12 x I _o (A) (fast acting)		1089 9474 06
Ref.: 2043 30740 I _{th} = 200 – 400 A 3 pole + N Including aux. contact 2120 010 04		1089 9474 08
Ref.: 2043 30540 I _{th} = 200 – 400 A 3 pole Including aux. contact 2120 010 04		

Internal name + designation :

Circuit breaker + Article number

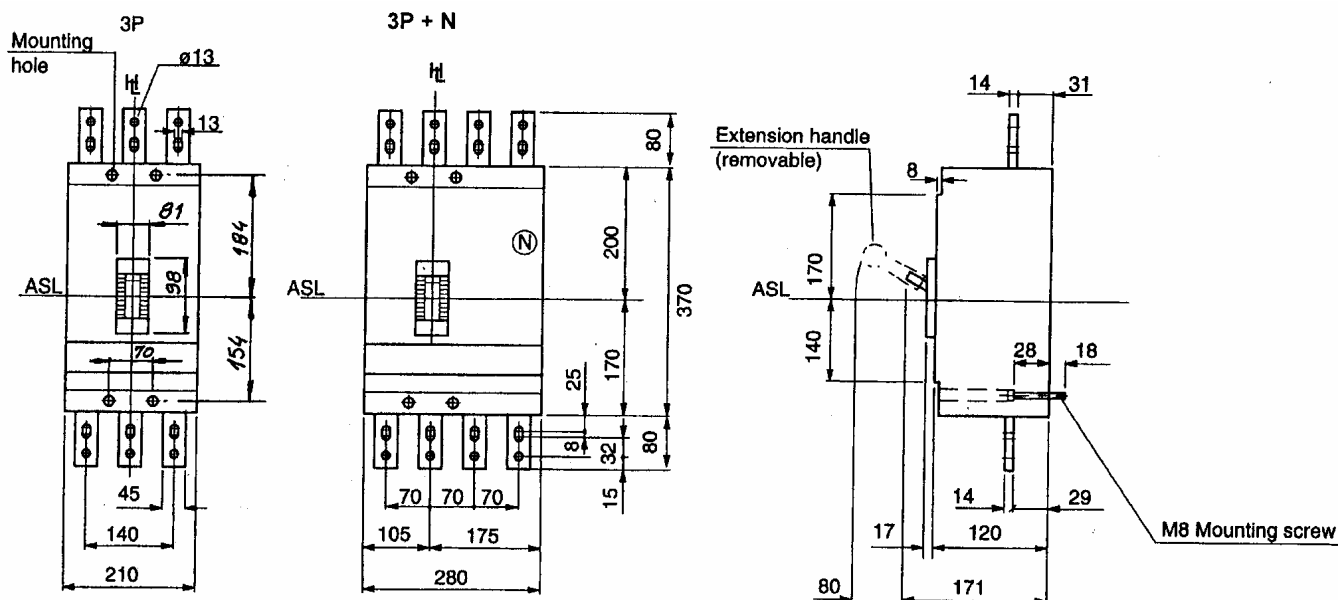


Technical data		Article number
Common data	Distinction data	
Type : XS 630 CE	Ref.: 2054 30763	1089 9474 25
Rated voltage : Max. 690 V,50/60 Hz	$I_{th} = 315 - 630 A$ 3 pole + N	
Without trip coil	Including aux. contact 2150 010 05	
Overload protection : 0,8 – 1 x I_o (A)		1089 9474 26
Short circuit protection : 2 – 10 x I_o (A)	Ref.: 2054 30563	
3 – 12 x I_o (A) (fast acting)	$I_{th} = 315 - 630 A$ 3 pole Including aux. contact 2150 010 05	

Technical data		Article number
Common data	Distinction data	
<u>Type : XS 800 NE + 24 V DC SHT</u> Rated voltage : Max. 690 V, 50/60 Hz With 24 V, DC trip coil Overload protection : 0,8 – 1 x I _o (A) Short circuit protection : 2 – 10 x I _o (A) 3 – 12 x I _o (A) (fast acting)	<u>Ref.: 2055 505 80 + 215 002 032</u> I _{th} = 400 – 800 A 3 pole Including aux. contact 2120 010 05 <u>Ref.: 2055 507 80 + 215 002 032</u> I _{th} = 400 – 800 A 3 pole + N Including aux. contact 2120 010 05 <u>Ref.: 2055 507 80 + 215 002 032</u> I _{th} = 400 – 800 A 3 pole + N	1089 9474 27 1089 9474 28 1089 9474 48
<u>Type : XS 800 SE RC + 24 V DC SHT</u>	<u>Ref.: 2055 707 80 + ref.: #2150 030 34</u> <u>+ ref.: 2150 020 32</u> <u>+ ref.: 2150 040 25</u> - I _{th} = 400-800A - 3 pole + N - including aux. contact 2150 010 05	1089 9474 29
<u>Type : XS 800 SE RC + 24 V DC UVT</u>	<u>Ref.: 2055 707 80 + ref.: #2150 030 34</u> <u>+ ref.: 2150 020 93</u> <u>+ ref.: 2150 040 25</u> - I _{th} = 400-800A - 3 pole + N - including aux. contact 2150 010 05	1089 9474 34
<u>Type : XS800 SE 1/2 RC</u>	<u>Ref.: 2055 707 80 +</u> <u>1/2 set rear connections #2150 030 34 +</u> <u>1/2 set Terminal cover #2150 040 25</u> I _{th} = 400-800A 3 pole + N	1089 9474 45

Internal name + designation :

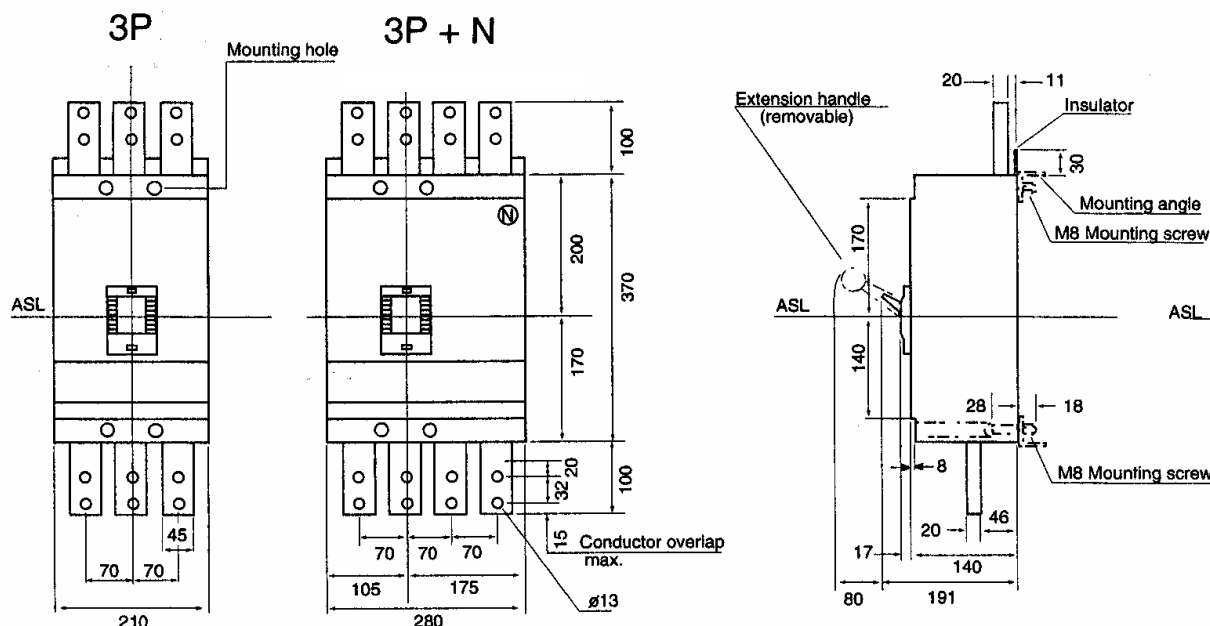
Circuit breaker + Article number



Technical data		Article number
Common data	Distinction data	
<u>Type : XS 1250 SE + 24 V DC SHT</u> Rated voltage : Max. 690 V,50/60 Hz With built-in trip coil, 24 V DC Overload protection : 0,8 – 1 x I _o (A) Short circuit protection : 2 – 10 x I _o (A) 3 – 12 x I _o (A) (fast acting)	<u>Ref.: 2046 505 12 + 2120 020 33</u> I _{th} = 630 – 1250 A 3 pole Including aux. contact 2120 010 06 <u>Ref.: 2046 507 12 + 2120 020 33</u> I _{th} = 630 – 1250 A 3 pole + N Including aux. contact 2120 010 07 <u>Ref.: 2046 705 12 + 2110 031 10</u> I _{th} = 630 – 1250 A 3 pole for RC line/FC load connections	1089 9474 13

Internal name + designation :

Circuit breaker + Article number



Technical data		Article number
Common data	Distinction data	
Type : XS 1600 NE + 24 V DC SHT Rated voltage : Max. 690 V, 50/60 Hz With built-in trip coil, 24 V DC Overload protection : 0,8 – 1 x I_o (A) Short circuit protection : 2 – 10 x I_o (A) 3 – 12 x I_o (A) (fast acting)	Ref.: 2047 505 16 + 212 002 033 I_{th} = 800 – 1600 A 3 pole Including aux. contact 2120 010 06	1089 9474 30
	Ref.: 2047 507 16 + 212 002 033 I_{th} = 800 – 1600 A 3 pole + N Including aux. Contact 2120 010 07	1089 9474 31
Type : XS 1600 NN + 24 V DC SHT	Ref.: 2047 908 16 + 212 002 033 Switch Disconnecter Rear connected 3 pole + N Including aux. contact 2120 010 07	1089 9474 32
Type : XS 1600 SE RC + 24 Vdc SHT	Ref.: 2047 708 16 + 2120 020 33 I_{th} = 800-1600A 3 pole + N including aux. contact 2120 010 07	1089 9474 33

Technical data		Article number
Common data	Distinction data	

Type : XS 1600 SE RC + 24 V DC
UVT

Ref.: 2047 708 16 + 2120 020 94
 $I_{th} = 800 - 1600 \text{ A}$
3 pole + N
Including aux. contact 2120 010 07

1089 9474 35

Type : XS 1600 NE + 24 V DC
UVT

Ref.: 2047 507 16 + 2120 020 94
 $I_{th} = 800 - 1600 \text{ A}$
3 pole + N
Including aux. contact 2120 010 07

1089 9474 36

Rated voltage :
Max. 690 V, 50/60 Hz
With built-in trip coil, 24 V DC
Overload protection :
0,8 – 1 x I_o (A)
Short circuit protection :
2 – 10 x I_o (A)
3 – 12 x I_o (A) (fast acting)

Type : XS 1250 SE RC + 24 V DC
UVT

Ref.: 2046 708 12 + 2120 020 94
 $I_{th} = 630 - 1250 \text{ A}$
3 pole + N
Including aux. Contact
1AB 2120 010 07

1089 9474 44

Rated voltage :
Max. 690 V, 50/60 Hz
With built-in trip coil, 24 V DC
Overload protection :
0,8 – 1 x I_o (A)
Short circuit protection :
2 – 10 x I_o (A)
3 – 12 x I_o (A) (fast acting)

XS 2000 NE + 24Vdc UVT + aux. switch + motor operator 200-220Vac

Rated voltage 690V, 50/60Hz

With built in trip coil, 24Vdc

With aux. switch

With motor operator 200-220Vac

Overload protection: 0,8-1 I_o

Short circuit protection: 2-10; 3-12 (fast acting)

REF:

breaker: 2048 508 20

Aux. switch: 2120 010 10

UVT: 2110 020 95

Motor operator: 2110 080 26

$I_{th} = 1250-2000\text{A}$

Internal name + designation :

Circuit breaker + Article number

Technical data		Article number
Common data	Distinction data	

Type : XS 2000 NE + 24 V DC

UVT+ aux. switch + motor operator

200-220Vac

Rated voltage :

Max. 690 V, 50/60 Hz

With built-in trip coil, 24 V DC

Overload protection :

0,8 – 1 x I_o (A)

Short circuit protection :

2 – 10 x I_o (A)

3 – 12 x I_o (A) (fast acting)

Ref.: breaker: 2048 508 20

Aux. switch: 2120 010 10

UVT: 2110 020 95

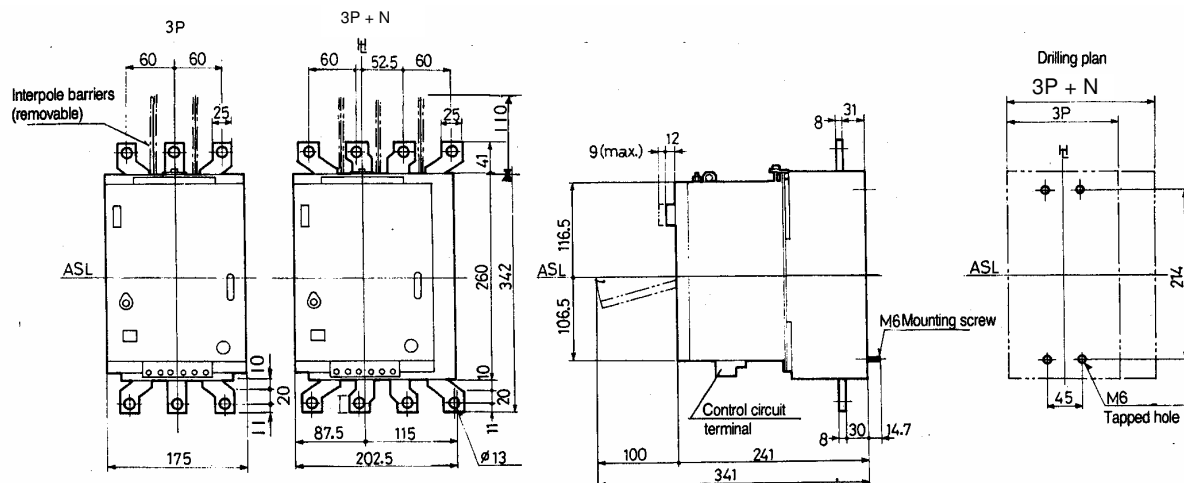
Motor operator: 2110 080 26

I_{th} = 1250 – 2000 A

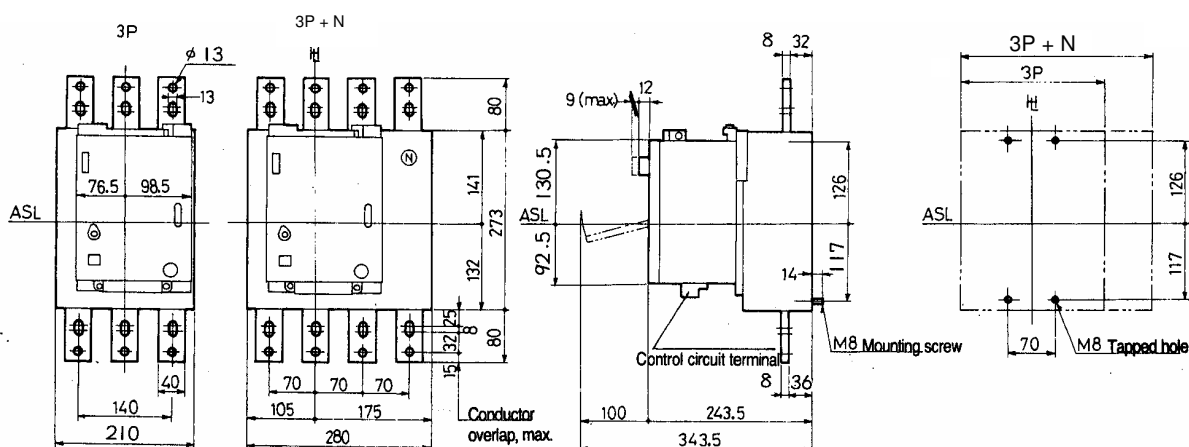
1089 9474 49

Internal name + designation :

Circuit breaker + Article number



Type XMC 4

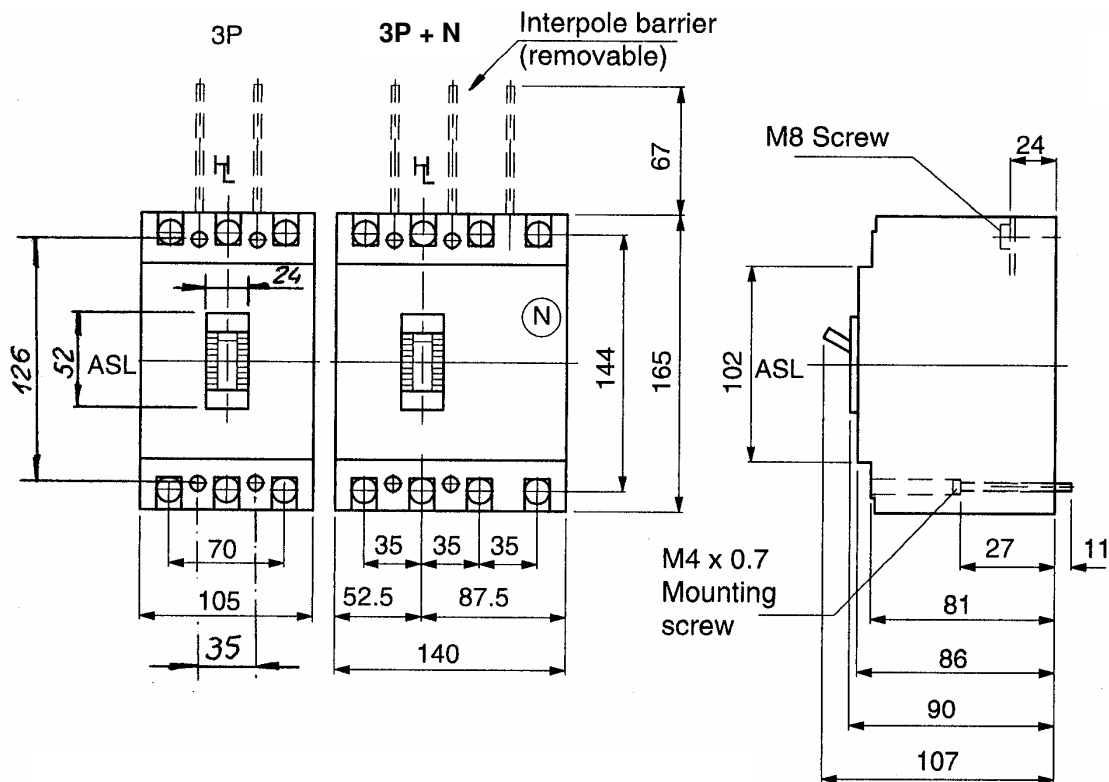


Type XMC 6

Technical data		Article number
Common data	Distinction data	
TERASAKI Motor drive for circuit breaker	Type : XMC 4 24 V, DC	1089 9474 17
	Type : XMC 6 24 V, DC	1089 9474 19
	Type : XMC 9 24 V, DC	1089 9474 24

Internal name + designation :

Circuit breaker + Article number



Technical data		Article number
Common data	Distinction data	

Rated voltage :

Max. 690 V, 50/60 Hz

With built-in trip coil 12 V, DC

Ref: 2042 227 25

(for XS 250 NJG)

1089 9474 58

Internal name + designation :

Circuit breaker + Article number

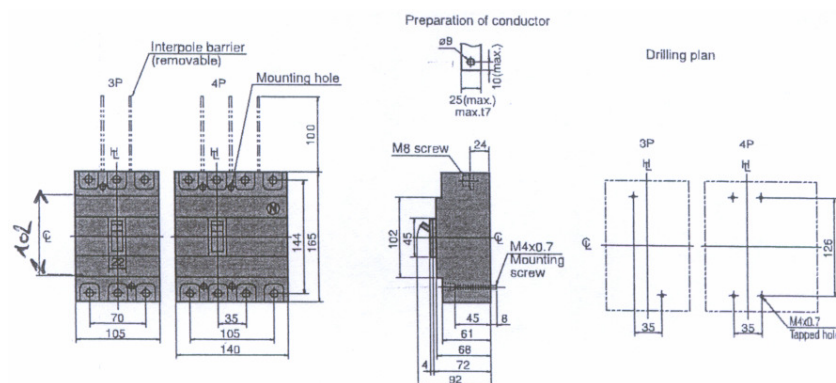


Figure for Size 160 - 250

Technical data		Article number
Common data	Distinction data	
<u>Type : TemBreak2 S160-NJG</u> Rated voltage : Max. 690 V,50/60 Hz $I_{cu} = 36 \text{ kA}$ at 380 / 415 VAC Thermal magnetic protection Without shunt trip coil	<u>Ref.: 329500</u> $I_{th} = 100 - 160 \text{ A}$ $I_m = 3 \times I_n = 480 \text{ A}$ 3 pole	1089 9474 67
	<u>Ref.: 329609</u> Old ref.: 329708 $I_{th} = 100 - 160 \text{ A}$ $I_m = 3 \times I_n = 480 \text{ A}$ 3 pole + N	1089 9474 71
<u>Type : TemBreak2 S250-NJG</u> Rated voltage : Max. 690 V,50/60 Hz $I_{cu} = 36 \text{ kA}$ at 380 / 415 VAC Thermal magnetic protection Without shunt trip coil	<u>Ref.: 330209</u> Old ref.: 330308 $I_{th} = 160 - 250 \text{ A}$ $I_m = 3 \times I_n = 750 \text{ A}$ 3 pole + N	1089 9474 68
	<u>Ref.: 330100</u> $I_{th} = 160 - 250 \text{ A}$ $I_m = 3 \times I_n = 750 \text{ A}$ 3 pole	1089 9474 69

Internal name + designation :

Circuit breaker + Article number

Technical data		Article number
Common data	Distinction data	
<u>Type : TemBreak2 E250-NJ</u> Rated voltage : Max. 690 V,50/60 Hz Thermal magnetic protection Without shunt trip coil	<u>Ref.: 329951</u> $I_{th} = 100 - 160 \text{ A}$, $I_m = 3 \times I_n = 480 \text{ A}$ Breaking capacity 25 kA 4 pole	1089 9474 88
	<u>Ref.: 329852</u> $I_{th} = 100 - 160 \text{ A}$, $I_m = 3 \times I_n = 480 \text{ A}$ Breaking capacity 25 kA at 400/415 VAC 3 pole	1089 9474 89
	<u>Ref.: 329906</u> $I_{th} = 160 - 250 \text{ A}$, $I_m = 3 \times I_n = 750 \text{ A}$ Breaking capacity 25 kA at 400/415 VAC 4 pole	1089 9474 96
	<u>Ref.: 329807</u> $I_{th} = 160 - 250 \text{ A}$, $I_m = 3 \times I_n = 750 \text{ A}$ Breaking capacity 25 kA at 400/415 VAC 3 pole	1089 9474 90

Internal name + designation :

Circuit breaker + Article number

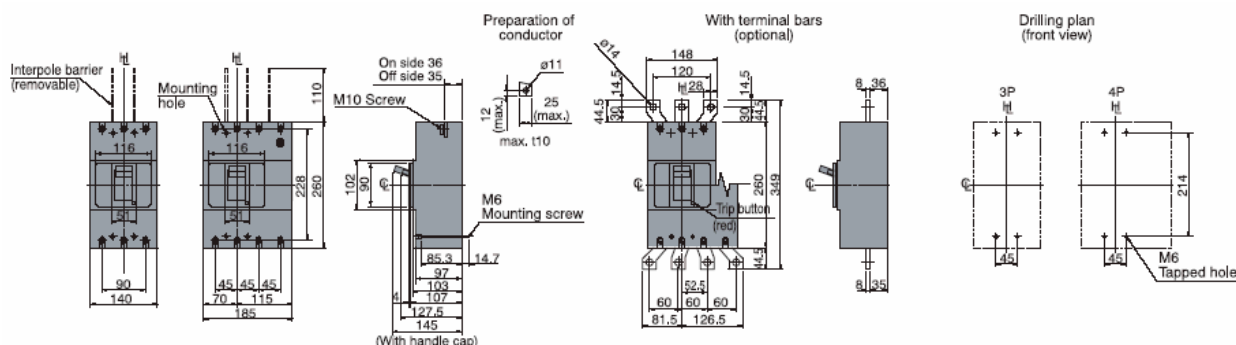


Figure for Size 400 / Size 630

Technical data		Article number
Common data	Distinction data	
<u>Type : TemBreak2 S400-CJG 3P</u> Rated voltage : Max. 690 V,50/60 Hz $I_{cu} = 36 \text{ kA at } 380 / 415 \text{ VAC}$ Thermal magnetic protection Without shunt trip coil	<u>Ref.: 374319</u> $I_{th} = 250 - 400 \text{ A}$ $I_m = 3,5 \times I_n = 1400 \text{ A}$ 3 pole	1089 9474 70
<u>Type : TemBreak2 S400-CJ</u> Rated voltage : Max. 690 V,50/60 Hz $I_{cu} = 36 \text{ kA at } 380 / 415 \text{ VAC}$ Thermal magnetic protection Without shunt trip coil	<u>Ref.: 374333</u> $I_{th} = 250 - 400 \text{ A}$ $I_m = 3,5 \times I_n = 1400 \text{ A}$ 3 pole + N	1089 9474 82 identical to 1089 9474 78
<u>Type : TemBreak2 S630-CE</u> Rated voltage : Max. 690 V,50/60 Hz $I_{cu} = 50 \text{ kA at } 380 / 415 \text{ VAC}$ Electronic protection	<u>Ref.: 365218</u> $I_{th} = 250 - 630 \text{ A}$ 3 pole + N <u>Ref.: 365201</u> $I_{th} = 250 - 630 \text{ A}$ 3 pole	1089 9474 79 1089 9474 80
<u>Type : TemBreak2 E630-NE</u> Rated voltage : Max. 690 V,50/60 Hz $I_{cu} = 36 \text{ kA at } 380 / 415 \text{ VAC}$ Electronic protection	<u>Ref.: 365102</u> Old ref.: 374531 $I_{th} = 250 - 630 \text{ A}$ 3 pole <u>Ref.: 365119</u> Old ref.: 374555 $I_{th} = 250 - 630 \text{ A}$ 3 pole + N	1089 9474 85 1089 9474 86
<u>Type : TemBreak2 E400-NJ</u> Rated voltage : Max. 690 V,50/60 Hz $I_{cu} = 25 \text{ kA at } 380 / 415 \text{ VAC}$ Thermal magnetic protection Without shunt trip coil	<u>Ref.: 374234</u> $I_{th} = 250 - 400 \text{ A}$ $I_m = 3,5 \times I_n = 1400 \text{ A}$ 3 pole + N	1089 9474 87

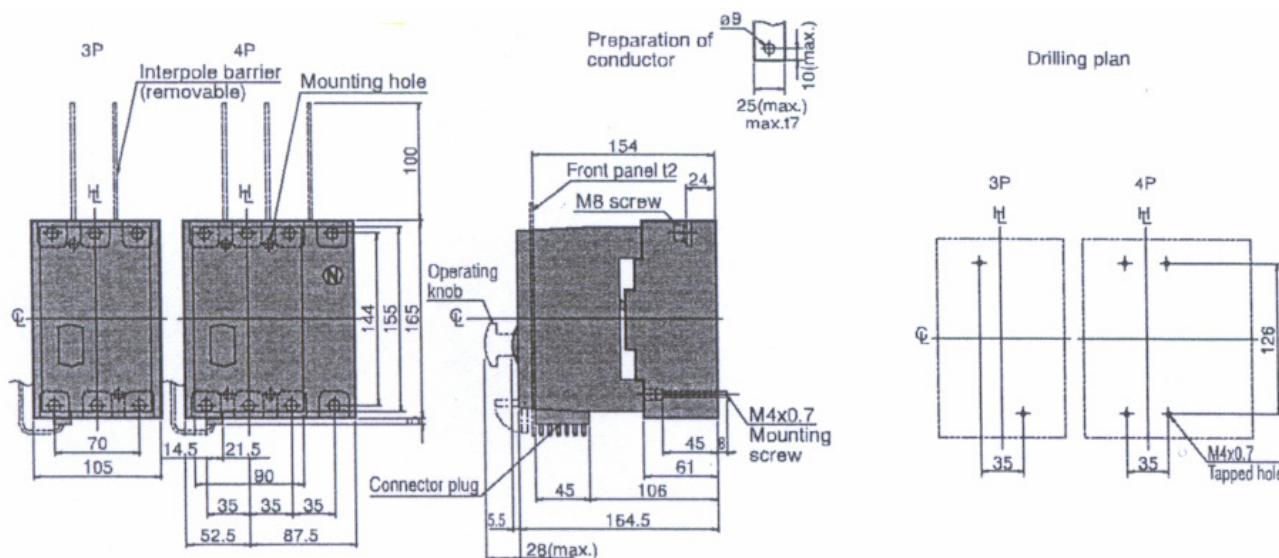
Internal name + designation :

Circuit breaker + Article number

Technical data		Article number
Common data	Distinction data	
Type : <u>TemBreak2 E400-NJ</u> Rated voltage : Max. 690 V,50/60 Hz $I_{cu} = 25 \text{ kA}$ at 380 / 415 VAC Thermal magnetic protection Without shunt trip coil		Ref.: <u>374234</u> $I_{th} = 250 - 400 \text{ A}$ $I_m = 3,5 \times I_n = 1400 \text{ A}$ 3 pole + N
	Ref.: <u>383120</u> $I_{th} = 250 - 400 \text{ A}$ $I_m = 3,5 \times I_n = 1400 \text{ A}$ 3 pole wide terminals	1089 9474 87 1089 9474 97

Internal name + designation :

Circuit breaker + Article number



Technical data		Article number
Common data	Distinction data	
Type : TMC 230-240 V_{AC} Motor Drive (MC) with automatic reset for 160 / 250A-frame TemBreak2 MCCB "Direct Drive" operation		Ref.: 755996 $t_{on} = 0,1 \text{ s} / t_{off} = 0,09 \text{ s}$ Old ref. 7555422
		1089 9474 77
Type : TMC AC100 to 240 V_{AC} Motor Drive (MC) with automatic reset for 400 / 630A-frame TemBreak2 MCCB "Spring charge " operation		Ref.: 756092 $t_{on} = 0,1 \text{ s} / t_{off} = 1,5 \text{ s}$
		1089 9474 83
Type : TMC DC24 to 48 V_{AC} Motor Drive (MC) with automatic reset for 400 / 630A-frame TemBreak2 MCCB "Spring charge " operation		Ref.: 756108 $t_{on} = 0,1 \text{ s} / t_{off} = 1,5 \text{ s}$ operating current/starting current: ON ---/9,2; OFF, RESET 4,3/9,8
		1089 9474 84

Internal name + designation :

Coil + Article number

Technical data		Article number
Common data	Distinction data	
<u>Trip coil</u> for : XS 160 NJG and XS 250 NJG	<u>Ref.: 2120 020 22</u> Type : 12 V, DC SHT	1089 9474 65
<u>Trip coil</u> for : XH 250 PE and XS 400 SE-C	<u>Ref.: 2110 020 23</u> Type : 12 V, DC SHT	1089 9474 15
	<u>Ref.: 2120 020 31</u> Type : 24 V, DC SHT	1089 9474 16
<u>Trip coil</u> for : XS 630 CE and XS 800 CE	<u>Ref.: 2150 020 24</u> Type : 12 V, DC SHT	1089 9474 40
	<u>Ref.: 2150 020 32</u> Type : 24 V, DC SHT	1089 9474 41
<u>Trip coil</u> for : XS 1250 SE XS 1600 NE	<u>Ref.: 212 002 033</u> Type : 24 V, DC SHT	1089 9474 23
<u>Shunt trip coil</u> for : for all 160A/250A/400A/630A –frame TemBreak2	<u>Ref.: 000973</u> Type : SHT 12 V _{DC}	1089 9474 72
	<u>Ref.: 000935</u> Type : SHT 24 V _{DC}	1089 9474 73
<u>Under voltage trip coil</u> for: XH 250 PE and XS 400 SE-C	<u>Ref.: 2110 020 92</u> Type : 24 V, DC UVT	1089 9474 18
<u>Undervoltage trip coil</u> for : for all 160A/250A/400A/630A –frame TemBreak2	<u>Ref.: 001215</u> Type : UVT 200-240 V _{AC}	1089 9474 74
	<u>Ref.: 001239</u> Type : UVT 24 V _{DC}	1089 9474 75
<u>Under voltage trip coil</u> for: XS 630 CE and XS 800 CE	<u>Ref.: 2150 020 93</u> Type : 24 V, DC UVT	1089 9474 42
<u>Under voltage trip coil</u> for : XS 1600 NE / SE	<u>Ref.: 2120 020 94</u> Type : 24 V, DC UVT	1089 9474 43
<u>Under voltage coil</u> for XS 1250 SE	<u>Type : 2120 020 73</u> Voltage: 200 – 240 V	1089 9474 39

Internal name + designation :

Cover + Article number

Technical data		Article number
Common data	Distinction data	
Terminal cover for: XH 250 PE and XS 400 SE-C	<u>Ref.: 2120 040 74</u> Type: 3 pole No att. Bar	1089 9474 37
	<u>Ref. 2110 040 75</u> Type: 4 pole No att. Bar	1089 9474 38

Internal name + designation :

Aux. contact + Article number

Technical data		Article number
Common data	Distinction data	
Auxiliary contact TERASAKI	<u>Ref : 2120 010 04</u> (For XH 250 PE / XS 400 SE - C)	1089 9474 91
	<u>Ref : 2120 010 06</u> (For XS 1250 SE / XS 1600 NE) 3 pole	1089 9474 93
	<u>Ref : 2120 010 07</u> (For XS 1250 SE / XS 1600 NE) 3 pole + N	1089 9474 94
	<u>Ref : 2150 010 05</u> (For XS 630 CE / XS 800 NE)	1089 9474 95
	<u>Ref : 2120 010 03</u> (For XS 160 / XS 250) 1 x SPDT contact	1089 9474 04
Auxiliary contact (AX) for all 160A/250A/400A/630A –frame TemBreak2	<u>Type AX, change-over contact</u> <u>Ref. 000348</u>	1089 9474 76

Internal name + designation :

Aux. contact + Article number

OBSOLETE

**SHALL NOT BE USED
IN NEW DESIGN**

Technical data		Article number
Common data	Distinction data	

Auxiliary contact TERASAKI

Ref : 2120 010 05
(For XS 630 LE / XS 800 SE)

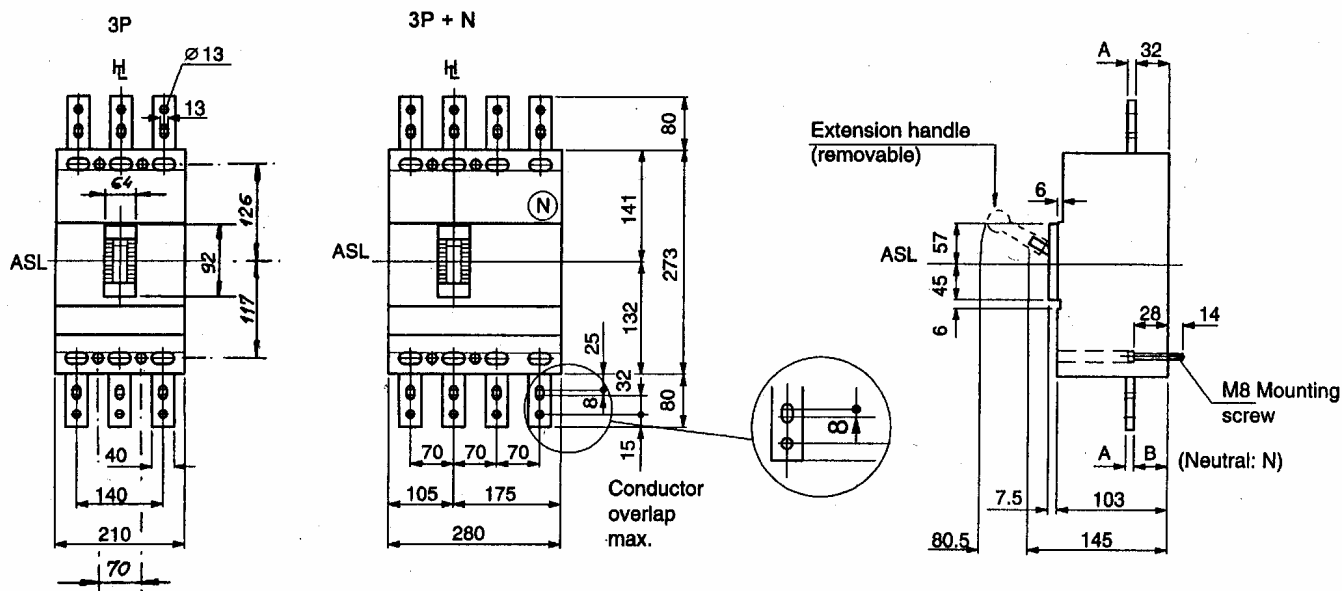
1089 9474 92

Internal name + designation :

Circuit breaker + Article number

OBSOLETE

**SHALL NOT BE USED
IN NEW DESIGN**



Technical data		Article number
Common data	Distinction data	
Type : XS 630 SE - C	Ref. 2044 307 63	1089 9474 05
Rated voltage : Max. 690 V, 50/60 Hz	$I_{th} = 315 - 630 \text{ A}$ 3 pole + N	
Without trip coil	Including aux. contact 2120 010 05	
Overload protection : 0,8 – 1 x I_o (A)		1089 9474 10
Short circuit protection : 2 – 10 x I_o (A)	Ref. 2044 305 63	
3 – 12 x I_o (A) (fast acting)	$I_{th} = 315 - 630 \text{ A}$ 3 pole Including aux. contact 2120 010 05	

OBSOLETE

**SHALL NOT BE USED
IN NEW DESIGN**

Technical data		Article number
Common data	Distinction data	
<u>Type : XS 800 SE + 24 V DC SHT</u> Rated voltage : Max. 690 V, 50/60 Hz With 24 V, DC trip coil Overload protection : 0,8 – 1 x I _o (A) Short circuit protection : 2 – 10 x I _o (A) 3 – 12 x I _o (A) (fast acting)	<u>Ref.: 2045 505 80 + 2120 020 32</u> I _{th} = 400 – 800 A 3 pole Including aux. contact 2120 010 05 <u>Ref.: 2045 507 80 + 2120 020 32</u> I _{th} = 400 – 800 A 3 pole + N Including aux. contact 2120 010 05	1089 9474 11 1089 9474 12
Trip coil for : XS 630 CE and XS 800 CE	<u>Type : 12 V, DC SHT</u> Ref.: 211 002 024 <u>Type : 24 V, DC SHT</u> Ref.: 215 002 032	1089 9474 20 1089 9474 21