

Datasheet



File No. : E524775

GENERAL:

This is Low-Voltage AC Power Circuit Breakers;

Fixed installation;

3-pole;

Manually-operated and motor-operated;

Frame 3200A;

Rated 400-3200A;

Rated maximum voltage AC1058V 50/60Hz;

Rated maximum voltage AC730V 50/60Hz;

Rated short-circuit current 50kA at Rated maximum Voltage AC 1058V;

Rated short-circuit current 65kA at Rated maximum voltage AC 730V;

Line bottom/Load Top, Terminal orientation-Horizontal.

MEX UL ACB Technical data

| Frame of ACB | | | MEX2 |
|-----------------------------|----------------------------|----|------------------------------|
| Breaking code | | | U |
| Rated current | In | A | 400-3200 |
| Poles | | | 3P |
| Rated voltage | Ue | V | AC 730V, AC 1058V |
| Category | | | B |
| Rated Short Circuit Current | | | |
| Rated Short Circuit Current | AC 730V | kA | 65 |
| | AC 1058V | kA | 50 |
| ME Control Unit | | | |
| | Current Type | | LISG, Four stage protection |
| Installation | | | |
| Fixed | | | |
| | High | mm | 389 |
| | Width 3P | mm | 436 |
| | Depth | mm | 355 |
| Connection type | Rear horizontal connection | | ■ |
| Weight | 3P | kg | 84 |
| Standards | | | UL 1066, CSA C22.2 NO. 31-18 |

These circuit breakers are intended for installation in circuit breaker enclosures, switchboards (switchgear), and the like. The acceptability of the combination of a circuit breaker with respect to any overall enclosure will be determined when the complete product is considered.

Trip devices may contain long-time-delay overcurrent, short-time-delay overcurrent, ground-fault current and instantaneous overcurrent. Trip elements that may be adjustable.

LISG trip devices.

The tolerance of the marked position of the long-time-delay overcurrent trip setting is plus or minus 10%.

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The Catalog Number is built as follows.

| | | | | | |
|------------|----------|----------|----------|----------|-----------|
| MEX | 2 | U | 3 | F | 32 |
| 1,2,3 | 4 | 5 | 6 | 7 | 8,9 |

| Catalog Number Description | | |
|----------------------------|-----------------------------|--|
| 1,2,3 | Family | Circuit Breakers MEX |
| 4 | Frame | 2 - 3200A Frame |
| 5 | Rated short-circuit current | U - 50kA at AC 1058V, 65kA at AC 730V |
| 6 | Pole | 3 - 3 Pole |
| 7 | Mounting | F - Fixed installation |
| 8,9 | Current/Sensor Rating (A) | 32 - 3200A |

Control Devices of circuit breakers

Closing Coil

| Closing Coil Cat NO, | Rated Voltage | Inrush Amperes | Sealed position |
|----------------------|--------------------------------------|--------------------|-----------------|
| XCCN | 24VDC, 110-130VDC/AC, 220-240VDC/AC, | 1.4A at 240V AC/DC | NA |

Shunt Trip

| Shunt Trip Cat NO, | Rated Voltage | Inrush Amperes | Sealed position |
|--------------------|--------------------------------------|------------------|-----------------|
| XSTG | 24VDC, 110-130VDC/AC, 220-240VDC/AC, | 2A at 240V AC/DC | 0.2A |

Under Voltage Trip

| Under Voltage Trip Cat NO, | Rated Voltage | Inrush Amperes | Sealed position |
|----------------------------|--------------------------------------|--------------------|-----------------|
| XUVT | 24VDC, 110-130VDC/AC, 220-240VDC/AC, | 1.4A at 240V AC/DC | 0.14A |

Electrical Operator

| Motor Operator Cat NO, | Rated Voltage | Power Consumption | Spring Charge Time | Duty Cycle |
|------------------------|--------------------------------------|-------------------|--------------------|------------|
| XM02 | 24VDC, 110-130VDC/AC, 220-240VDC/AC, | 560 VA | 4 sec. | 2 / min |

Environment conditions

| | |
|--------------------------------------|-------|
| Protection class IP/on the front | IP20 |
| Ambient temperature during operation | |
| ● min | -20°C |
| ● max | 70°C |
| Ambient temperature during storage | |
| ● min | -40°C |
| ● max | 70°C |

Certifications & Standards

| | |
|--------------------|--|
| REACH Regulation | Compliant with Regulation (EC) No 1907/2006 concerning the REACH |
| EU RoHS Regulation | Compliant with RoHS Directive(EU) 2015/863 amending 2011/65/EU |