



MW316

MCB 3P 3kA C-16A 3M

Technical Features

Electric current

| | |
|---------------|------|
| Rated current | 16 A |
|---------------|------|

Architecture

| | |
|--------------|----|
| Type of pole | 3P |
|--------------|----|

Curve

C

Capacity

| | |
|-------------------|---|
| Number of modules | 3 |
|-------------------|---|

Main electrical attributes

| | |
|---|------|
| Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 | 3 kA |
|---|------|

Installation, mounting

| | |
|--|----------------|
| Nominal tightening torque top terminal | 2.80 - 2.80 Nm |
|--|----------------|

| | |
|---|----------------|
| Nominal tightening torque down terminal | 2.80 - 2.80 Nm |
|---|----------------|

Voltage

| | |
|------------------------------|-------------|
| Rated operational voltage Ue | 230 - 400 V |
|------------------------------|-------------|

| | |
|-----------------------------|-------|
| Rated insulation voltage Ui | 500 V |
|-----------------------------|-------|

| | |
|--------------------------------------|--------|
| Rated impulse withstand voltage Uimp | 4000 V |
|--------------------------------------|--------|

Frequency

| | |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

Connection

| | |
|---|------------------------|
| Cross-section of input and output with screws, for massive conductors | 1 - 35 mm ² |
|---|------------------------|

| | |
|--|------------------------|
| Cross-section of input and output with screws, for flexible conductors | 1 - 25 mm ² |
|--|------------------------|

| | |
|---|------------------------|
| Cross-section of input with screws, for flexible conductors | 1 - 25 mm ² |
|---|------------------------|

| | |
|--|------------------------|
| Cross-section of input with screws, for massive conductors | 1 - 35 mm ² |
|--|------------------------|

Installation, mounting

| | |
|---------------------------|----------------|
| Nominal tightening torque | 2.80 - 2.80 Nm |
|---------------------------|----------------|

| | |
|---|-----------|
| Type of bottom connection for modular devices | biconnect |
|---|-----------|

| | |
|--|----------------|
| Type of top connection for modular devices | Screw terminal |
|--|----------------|

| | |
|---------------------------------|-----|
| 360° mounting position possible | Yes |
|---------------------------------|-----|

Safety

| | |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

Use conditions

| | |
|--|---|
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
|--|---|

| | |
|---|---|
| Class of energy limitation I ² t | 3 |
|---|---|

| | |
|-------------------------|------------------|
| Air humidity protection | For all climates |
|-------------------------|------------------|

| | |
|-----------------------|-------------|
| Operating temperature | -25 - 70 °C |
|-----------------------|-------------|

Power

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|---------------------------|--------|
| Total power loss under IN | 6.99 W |
|---------------------------|--------|

Connectivity

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|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

| | |
|--|------------------|
| Top connection alignment for modular devices | Aligned terminal |
|--|------------------|

| | |
|---|------------------|
| Down connection alignment for modular devices | Aligned terminal |
|---|------------------|

Dimensions

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|--------|-------|
| Height | 83 mm |
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| | |
|-------|----------|
| Width | 52.50 mm |
|-------|----------|

| | |
|-------|-------|
| Depth | 70 mm |
|-------|-------|

Sustainability

RoHS conform

Yes