



SPB165R

SPD 1P T2 TNC Uc 320V In 20kA I_{max} 65kA remote contact

Technical characteristics

Configuration

| | |
|-------------------|---|
| Number of modules | 1 |
|-------------------|---|

Controls and indicators

| | |
|----------------|-------|
| Indicator lamp | Optic |
|----------------|-------|

Main electrical features

| | |
|--|-------------|
| Rated operational voltage U _e | 240 / 415 V |
|--|-------------|

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

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|--|-------|
| Nominal discharge current (I _n) 8/20μs, IEC 61643)L-N(PEN)/ N-PE | 20 kA |
|--|-------|

Voltage

| | |
|---|-------|
| Maximum continuous operating voltage U _c | 320 V |
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|---|---------|
| Voltage protection level U _p according to IEC61643-1 | 1,45 kV |
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| | |
|--|--------|
| Voltage protection level U _p L-PE/N-PE according to IEC61643-11 | 1,7 kV |
|--|--------|

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|--|---------|
| Voltage level U _p L-N/PEN IEC61643-11 | 1,45 kV |
|--|---------|

Electric current

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|--|-------|
| Calibration of the protection upstream | 160 A |
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|--|-------|
| Max discharge (I _{max}) L-N(PEN)/ N-PE | 65 kA |
|--|-------|

Dimensions

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|----------------------------|---------|
| Depth of installed product | 58,2 mm |
|----------------------------|---------|

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|-----------------------------|---------|
| Height of installed product | 89,8 mm |
|-----------------------------|---------|

| | |
|----------------------------|---------|
| Width of installed product | 17,7 mm |
|----------------------------|---------|

Electrical specifications

| | |
|--|-------|
| Short-circuit breaking capacity (I _{sc} cr) | 25 kA |
|--|-------|

| | |
|-------------------------------|----------------------------|
| Signal contact Cross-sections | 0,14 / 1,5 mm ² |
|-------------------------------|----------------------------|

| | |
|--|---------|
| Signal contact Current carrying capacity AC/DC | 3 / 1 A |
|--|---------|

| | |
|-------------------------------------|------------|
| Signal contact Voltage rating AC/DC | 250 / 30 V |
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Network configuration

| | |
|--------------|------|
| Network type | TN-C |
|--------------|------|

Installation, mounting

| | |
|-------------------|---|
| Tightening torque | 3 |
|-------------------|---|

Connection

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|--|--------------------------|
| Connection cross-section of input and output with screws, for massive conductors | 1,5 / 35 mm ² |
|--|--------------------------|

| | |
|---|--------------------------|
| Connection cross section of access and exit with screws, for flexible conductor | 1,5 / 25 mm ² |
|---|--------------------------|

Standards

| | |
|-----------|------|
| Approvals | KEMA |
|-----------|------|

Test class IEC61643-11 / VDE0675-6-11

T2

European directive WEEE

concerned

Use conditions

Operating temperature

-40...80 °C