



SFT340

3-pole, 40A Centre Off Modular Changeover Switch with Top Common Point

Technical properties

Architecture

| | |
|-----------------|-----|
| Number of poles | 3 P |
|-----------------|-----|

Configuration

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

Main electrical features

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

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

Voltage

| | |
|--------------------------|-------|
| Rated insulation voltage | 440 V |
|--------------------------|-------|

| | |
|-------------------------|----|
| Type of voltage input 1 | AC |
|-------------------------|----|

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

Electric current

| | |
|---|------|
| Rated operational current in AC21category B | 40 A |
|---|------|

| | |
|--|------|
| Acceptable current rating with AC22 category A | 40 A |
|--|------|

| | |
|---------------|------|
| Rated current | 40 A |
|---------------|------|

| | |
|---------------------------------------|--------|
| Rated short-time withstand current 1s | 0.6 kA |
|---------------------------------------|--------|

| | |
|---|------|
| Thermal rated current outside of housings | 40 A |
|---|------|

| | |
|--|------|
| Rated operational current in AC21 category A | 40 A |
|--|------|

| | |
|--|------|
| Acceptable current rating with AC22 category B | 40 A |
|--|------|

Dimensions

| | |
|----------------------------|-------|
| Depth of installed product | 70 mm |
|----------------------------|-------|

| | |
|-----------------------------|-------|
| Height of installed product | 83 mm |
|-----------------------------|-------|

| | |
|----------------------------|---------|
| Width of installed product | 52.5 mm |
|----------------------------|---------|

Frequency

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

Power

| | |
|---------------------------------------|-------|
| Total power loss under I _N | 6.3 W |
|---------------------------------------|-------|

| | |
|---------------------------------------|-------|
| Power loss per pole at I _N | 2.1 W |
|---------------------------------------|-------|

Endurance

| | |
|--|-------|
| Electrical durability at nominal load in AC21in operating cycles | 25000 |
|--|-------|

| | |
|---|---------------|
| Electrical durability at nominal load in AC22 in operating cycles | 25000 |
| Number of mechanical operations | 200000 |
| Installation, mounting | |
| Tightening torque | 1,8Nm |
| Connection | |
| Cage clamp position | off set |
| Type of connection | with screw |
| Equipment | |
| Quantity of NC contacts | 0 |
| Quantity of NO contacts | 0 |
| Quantity of INV contacts | 3 |
| Standards | |
| Standard text | IEC 60947-3 |
| European directive WEEE | not concerned |
| Safety | |
| Protection index IP | IP20 |
| Use conditions | |
| Operating temperature | -20...50 °C |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
| Altitude | 2000 m |
| Storage/transport temperature | -40...80 °C |