



# Technical Data

## SCO4P Enclosed Changeover Switches

IP65 CE



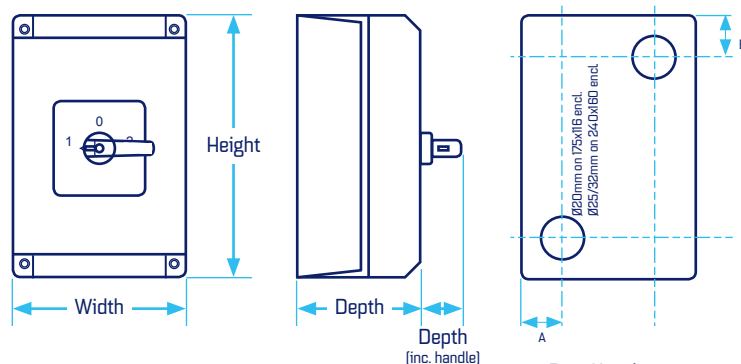
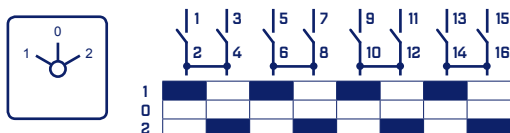
- 4 Pole Range available from 20A to 100A
- IP65 Protection Rating (enclosure)
- EN 60947-3 Compliant
- 2 Sizes of Enclosure
- Multiple Gland Knockouts
- 3 Position Handle with Centre OFF
- Flame Retardant
- External Mounting Points
- Additional Earth Connection

### ORDERING INFORMATION

| Part Number | Current I <sub>e</sub> (AC21) | Rated Operating Voltage | Poles |
|-------------|-------------------------------|-------------------------|-------|
| SCO4P20     | 20A                           | 230-440V                | 4     |
| SCO4P32     | 32A                           | 230-440V                | 4     |
| SCO4P40     | 40A                           | 230-440V                | 4     |
| SCO4P63     | 63A                           | 230-440V                | 4     |
| SCO4P80     | 80A                           | 230-440V                | 4     |
| SCO4P100    | 100A                          | 230-440V                | 4     |

### DIMENSIONS (mm)

| Part Number | Height | Width | Depth | Depth inc. Handle | Gland Knockouts |
|-------------|--------|-------|-------|-------------------|-----------------|
| SCO4P20     | 176    | 116   | 101   | 136               | M20/25          |
| SCO4P32     | 176    | 116   | 101   | 136               | M20/25          |
| SCO4P40     | 176    | 116   | 101   | 136               | M20/25          |
| SCO4P63     | 240    | 160   | 122   | 159               | M25/32          |
| SCO4P80     | 240    | 160   | 122   | 159               | M25/32          |
| SCO4P100    | 240    | 160   | 122   | 159               | M25/32          |



### GENERAL INFORMATION

|                    |                            |
|--------------------|----------------------------|
| Enclosure Material | Polycarbonate              |
| Lid Screw Material | Stainless Steel            |
| Ingress Protection | IP65 Enclosure / IP20 Body |
| Interlocked Handle | n/a                        |
| Approvals          | CE, SEMKO                  |
| Compliance         | IEC EN 60947-3, RoHS       |

#### Rear Knockouts

- A: 27.5mm on 175x116mm enclosure  
42mm on 240x160mm enclosure
- B: 25mm on 175x116mm enclosure  
42.0mm on 240x160mm enclosure

### TECHNICAL SPECIFICATION

| Part Number   | SCO4P20           | SCO4P32           | SCO4P40           | SCO4P63           | SCO4P80           | SCO4P100          |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Poles   | 4                 | 4                 | 4                 | 4                 | 4                 | 4                 |
| Rated Operational Current I <sub>e</sub> (AC21) [A] | 20                | 32                | 40                | 63                | 80                | 100               |
| Rated Power of 3Ph Motor at 415V (AC23A) (kW)       | 7                 | 12                | 15                | 22                | 30                | 37                |
| Rated Voltage [V]                                   | 415               | 415               | 415               | 415               | 415               | 415               |
| Frequency [Hz]                                      | 50/60             | 50/60             | 50/60             | 50/60             | 50/60             | 50/60             |
| Rated Insulation Voltage U <sub>i</sub> [V]         | 690               | 690               | 690               | 690               | 690               | 690               |
| Max. Cable Size (Solid/Stranded) (mm <sup>2</sup> ) | 10                | 10                | 10                | 35                | 35                | 35                |
| Rated Cond. Short Circuit Current [A]               | 20 I <sub>e</sub> | 20 I <sub>e</sub> | 20 I <sub>e</sub> | 20 I <sub>e</sub> | 20 I <sub>e</sub> | 20 I <sub>e</sub> |
| Short Time Withstand Current 415V 1 sec. [A]        | 12 I <sub>e</sub> | 12 I <sub>e</sub> | 12 I <sub>e</sub> | 12 I <sub>e</sub> | 12 I <sub>e</sub> | 12 I <sub>e</sub> |
| Rated Make/Break Capacity [A]                       | 8 I <sub>e</sub>  | 8 I <sub>e</sub>  | 8 I <sub>e</sub>  | 8 I <sub>e</sub>  | 8 I <sub>e</sub>  | 8 I <sub>e</sub>  |
| Protection Degree                                   | IP65              | IP65              | IP65              | IP65              | IP65              | IP65              |
| Tightening Torque [Nm]                              | 2                 | 2                 | 2                 | 3                 | 3                 | 3                 |
| Mechanical Life [10 <sup>3</sup> ]                  | 10                | 10                | 10                | 10                | 10                | 10                |
| Weight [kg]   | 0.75              | 0.75              | 0.75              | 1.85              | 1.85              | 1.85              |