### Catalogue No: ISO340PYS

#### ISO ENCLOSED SWITCH 3P 40A YELLOW POLY RED HANDLE

Power Distribution and Protection > Isolators and Transfer Switches > Enclosed Isolating Switches > Socomec ISO Enclosed Isolating Switch Disconnectors > Polycarbonate Enclosed ISO Switch Disconnectors > 3P Polycarbonate ISO Switch





Representative Photo Only (actual product may vary based on configuration selections)

# ISO Switch 40A, 3P Yellow colour Polycarbonate enclosure with Red handle

- IP65 rating combined with selection of polycarbonate, polyester, aluminium and stainless steel, has any environment, indoor or outdoor, covered
- Easy to install and operate
- Choice of larger enclosures for increased wiring space
- Door interlock when switch is in ON position preventing the unauthorized removal of the enclosure cover for added safety
- Switch centering system for an easy closing of the enclosure
- Up to 3 padlocks in OFF position for added security
- Snap-on accessories couldn't be any easier or quicker to install

Component Type Power Distribution & Protection         Enclosed Isolating Switch           Number of Poles         3           In, Rated Current         40 A           Enclosure Type         PCE1 type           Ui, Rated Insulation Voltage         690 V (rms)           Uimp, Impulse Withstand Voltage         6 kV           Rated Frequency         50 / 60 Hz           le, Rated Operational Current, AC-21a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           ke, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 415V, 3ph         18 kW @690V           kW Rating, AC-23a, 415V, 3ph         12 kW @690V           low, Short Time Withstand current, 19 (rms)         0.64 kA for 1s           low, Short time withstand current, 19 (rms)         0.64 kA for 1s           low, Rated Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           IP Rating         IP65           Material, Body /	SPECIFICATIONS	
Number of Poles         3           In, Rated Current         40 A           Enclosure Type         PCE1 type           Ui, Rated Insulation Voltage         690 V (rms)           Uimp, Impulse Withstand Voltage         6 kV           Rated Frequency         50 / 60 Hz           le, Rated Operational Current, AC-21a, 415V         40 A@415V           le, Rated Operational Current, AC-21a, 690V         40 A@690V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW@415V           kW Rating, AC-23a, 45V, 3ph         18 kW@690V           kW Rating, AC-23a, 690V, 3ph         18 kW@690V           kw, Short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lcw, short time withstand current, 1s (rms)         0.64 kA for 1s           kw, Rating, AC-23a, 690V, 3ph         40 A           Backup Fuse Current Rating         40 A           Backup Fuse Current Rating         40 A           PR adlockable         Yes, OFF Position Only           IP Rating         IP 65           Material, Body / Housing         Yellow colour           Colour, Body / Housing         Yellow colour           Neu		Enclosed legisting Switch
In, Rated Current         40 A           Enclosure Type         PCE1 type           Ui, Rated Insulation Voltage         690 V (rms)           Uimp, Impulse Withstand Voltage         6 kV           Rated Frequency         50 / 60 Hz           le, Rated Operational Current, AC-21a, 415V         40 A@415V           le, Rated Operational Current, AC-21a, 690V         40 A@415V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lcw, short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lcw, short Time Withstand Current, 1s (rms)         0.64 kA for 1s           lcw, short Lime withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           IP65         Material, Body / Housing           Colour, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         PC (Polycarbonate) material           Colour, Handle         Red colour           Neutral Pole (Optional)         21155007           Wire / Conductor Size (Min)		
Enclosure Type         PCE1 type           Ui, Rated Insulation Voltage         690 V (rms)           Uimp, Impulse Withstand Voltage         6 kV           Rated Frequency         50 / 60 Hz           le, Rated Operational Current, AC-21a, 415V         40 A@415V           le, Rated Operational Current, AC-21a, 690V         40 A@415V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lcw, Short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lcw, Short Lime withstand current, 1s (rms)         0.64 kA for 1s           lcw, Rated Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           IP Rating         IP65           Material, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         Yellow colour           Colour, Handle         Red colour           Neutral Pole (Optional)         2.5 mm² min           Wire / Conductor Size (Min)         2.5 mm² min           Wire / Conductor Size (Max) <td></td> <td><u> </u></td>		<u> </u>
Ui, Rated Insulation Voltage         690 V (rms)           Uimp, Impulse Withstand Voltage         6 kV           Rated Frequency         50 / 60 Hz           ie, Rated Operational Current, AC-21a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         40 A@90V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lcw, Short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lcw, Short Time Withstand Current, 1s (rms)         0.64 kA for 1s           lcw, Rated Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           IP Rating         IP65           Material, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         Yellow colour           Colour, Body / Housing         21155007           Wire / Conductor Size (Min)         2.5 mm² min           Wire / Conductor Size (Max)         10 mm²           Wire / Conductor Size (Max)         10 mm²           Tightening Torque		·
Uimp, Impulse Withstand Voltage         6 kV           Rated Frequency         50 / 60 Hz           le, Rated Operational Current, AC-21a, 415V         40 A@415V           le, Rated Operational Current, AC-21a, 690V         40 A@690V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lew, Short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lew, short time withstand current, 1s (rms)         0.64 kA for 1s           lew, Rated Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           IP Rating         IP65           Material, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         Yellow colour           Colour, Body / Housing         21155007           Wire / Conductor Size (Min)         2.5 mm² min           Wire / Conductor Size (Max)         10 mm²           Wire / Conductor Size (Max)         10 mm²           Tightening Torque, Max         3 Nm	**	
Rated Frequency         50 / 60 Hz           le, Rated Operational Current, AC-21a, 415V         40 A@415V           le, Rated Operational Current, AC-21a, 690V         40 A@690V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lew, Short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lew, Short Lime withstand current, 1s (rms)         0.64 kA for 1s           lew, Rated Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           PR Rating         PC (Polycarbonate) material           Material, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         Yellow colour           Colour, Handle         Red colour           Neutral Pole (Optional)         21155007           Wire / Conductor Size (Min)         2.5 mm² min           Wire / Conductor Size (Max)         10 mm²           Mechanical Service Life         100000 cycles           Tightening Torque, Max         3 Nm	<u> </u>	· ,
le, Rated Operational Current, AC-21a, 415V         40 A@415V           le, Rated Operational Current, AC-21a, 690V         40 A@690V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lew, Short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lew, short time withstand current, 1s (rms)         0.64 kA for 1s           lew, Rated Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           PRating         IP65           Material, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         Yellow colour           Colour, Handle         Red colour           Neutral Pole (Optional)         21155007           Wire / Conductor Size (Min)         2.5 mm² min           Wire / Conductor Size (Max)         10 mm²           Mechanical Service Life         100000 cycles           Tightening Torque, Max         3 Nm	Uimp, Impulse Withstand Voltage	6 kV
le, Rated Operational Current, AC-21a, 690V         40 A@690V           le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lcw, Short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lcw, Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           IP Rating         IP65           Material, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         Yellow colour           Colour, Handle         Red colour           Neutral Pole (Optional)         2155007           Wire / Conductor Size (Min)         2.5 mm² min           Wire / Conductor Size (Max)         10 mm²           Mechanical Service Life         100000 cycles           Tightening Torque, Max         3 Nm		50 / 60 Hz
le, Rated Operational Current, AC-23a, 415V         40 A@415V           le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lcw, Short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lcw, short time withstand current, 1s (rms)         0.64 kA for 1s           lcw, Rated Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           IP Rating         IP65           Material, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         Yellow colour           Colour, Handle         Red colour           Neutral Pole (Optional)         21155007           Wire / Conductor Size (Min)         2.5 mm² min           Wire / Conductor Size (Max)         10 mm²           Mechanical Service Life         100000 cycles           Tightening Torque, Max         3 Nm	le, Rated Operational Current, AC-21a, 415V	40 A@415V
le, Rated Operational Current, AC-23a, 690V         18 A@690V           kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lcw, Short Time Withstand Current, 300ms (ms)         1.28 kA, 300ms           lcw, Short time withstand current, 1s (rms)         0.64 kA for 1s           lcw, Rated Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           IP Rating         IP65           Material, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         Yellow colour           Colour, Handle         Red colour           Neutral Pole (Optional)         21155007           Wire / Conductor Size (Min)         2.5 mm² min           Wire / Conductor Size (Max)         10 mm²           Mechanical Service Life         100000 cycles           Tightening Torque, Max         3 Nm	le, Rated Operational Current, AC-21a, 690V	40 A@690V
kW Rating, AC-23a, 415V, 3ph         20 kW @415V           kW Rating, AC-23a, 690V, 3ph         18 kW @690V           lcw, Short Time Withstand Current, 300ms (rms)         1.28 kA, 300ms           lcw, short time withstand current, 1s (rms)         0.64 kA for 1s           lcw, Rated Short-Circuit Withstand Capacity 415V AC         6 A           Backup Fuse Current Rating         40 A           Padlockable         Yes, OFF Position Only           IP Rating         IP65           Material, Body / Housing         PC (Polycarbonate) material           Colour, Body / Housing         Yellow colour           Colour, Handle         Red colour           Neutral Pole (Optional)         21155007           Wire / Conductor Size (Min)         2.5 mm² min           Wire / Conductor Size (Max)         10 mm²           Mechanical Service Life         100000 cycles           Tightening Torque, Max         3 Nm	le, Rated Operational Current, AC-23a, 415V	40 A@415V
kW Rating, AC-23a, 690V, 3ph lcw, Short Time Withstand Current, 300ms (rms) lcw, Short time withstand current, 1s (rms) lcw, Rated Short-Circuit Withstand Capacity 415V AC Backup Fuse Current Rating Addickable Padlockable PRating PC (Polycarbonate) material Colour, Body / Housing PC (Polycarbonate) material Colour, Body / Housing Ped colour Colour, Body / Housing Pole (Optional) Pire / Conductor Size (Min) Vire / Conductor Size (Max) Tightening Torque, Max  18 kW @690V 1.28 kA, 300ms 1.29 kA for 1s  We @690V 1.28 kA, 300ms 1.28 kA, 500ms 1.	le, Rated Operational Current, AC-23a, 690V	18 A@690V
Icw, Short Time Withstand Current, 300ms (rms)1.28 kA, 300msIcw, short time withstand current, 1s (rms)0.64 kA for 1sIcw, Rated Short-Circuit Withstand Capacity 415V AC6 ABackup Fuse Current Rating40 APadlockableYes, OFF Position OnlyIP RatingIP65Material, Body / HousingPC (Polycarbonate) materialColour, Body / HousingYellow colourColour, HandleRed colourNeutral Pole (Optional)21155007Wire / Conductor Size (Min)2.5 mm² minWire / Conductor Size (Max)10 mm²Mechanical Service Life100000 cyclesTightening Torque, Max3 Nm	kW Rating, AC-23a, 415V, 3ph	20 kW @415V
Icw, short time withstand current, 1s (rms)  Icw, Rated Short-Circuit Withstand Capacity 415V AC  Backup Fuse Current Rating  Padlockable  Padlockable  Pes, OFF Position Only  IP Rating  IP65  Material, Body / Housing  Colour, Body / Housing  Colour, Body / Housing  Colour, Body / Housing  Pec (Polycarbonate) material  Colour, Body / Housing  Colour, Body / Housing  Pec (colour  Red colour  Neutral Pole (Optional)  21155007  Wire / Conductor Size (Min)  Wire / Conductor Size (Max)  Mechanical Service Life  100000 cycles  Tightening Torque, Max	kW Rating, AC-23a, 690V, 3ph	18 kW @690V
Icw, Rated Short-Circuit Withstand Capacity 415V AC 6 A  Backup Fuse Current Rating 40 A  Padlockable Yes, OFF Position Only  IP Rating IP65  Material, Body / Housing PC (Polycarbonate) material  Colour, Body / Housing Yellow colour  Colour, Handle Red colour  Neutral Pole (Optional) 21155007  Wire / Conductor Size (Min) 2.5 mm² min  Wire / Conductor Size (Max) 10 mm²  Mechanical Service Life 100000 cycles  Tightening Torque, Max 3 Nm	Icw, Short Time Withstand Current, 300ms (rms)	1.28 kA, 300ms
Backup Fuse Current Rating 40 A Padlockable Yes, OFF Position Only IP Rating IP65 Material, Body / Housing PC (Polycarbonate) material Colour, Body / Housing Yellow colour Colour, Handle Red colour Neutral Pole (Optional) 21155007 Wire / Conductor Size (Min) 2.5 mm² min Wire / Conductor Size (Max) 10 mm² Mechanical Service Life 100000 cycles Tightening Torque, Max 3 Nm	Icw, short time withstand current, 1s (rms)	0.64 kA for 1s
Padlockable Yes, OFF Position Only IP Rating IP65 Material, Body / Housing PC (Polycarbonate) material Colour, Body / Housing Yellow colour Colour, Handle Red colour Neutral Pole (Optional) 21155007 Wire / Conductor Size (Min) 2.5 mm² min Wire / Conductor Size (Max) 10 mm² Mechanical Service Life 100000 cycles Tightening Torque, Max 3 Nm	Icw, Rated Short-Circuit Withstand Capacity 415V AC	6 A
IP Rating IP65  Material, Body / Housing PC (Polycarbonate) material  Colour, Body / Housing Yellow colour  Colour, Handle Red colour  Neutral Pole (Optional) 21155007  Wire / Conductor Size (Min) 2.5 mm² min  Wire / Conductor Size (Max) 10 mm²  Mechanical Service Life 100000 cycles  Tightening Torque, Max 3 Nm	Backup Fuse Current Rating	40 A
Material, Body / Housing PC (Polycarbonate) material  Colour, Body / Housing Yellow colour  Colour, Handle Red colour  Neutral Pole (Optional) 21155007  Wire / Conductor Size (Min) 2.5 mm² min  Wire / Conductor Size (Max) 10 mm²  Mechanical Service Life 100000 cycles  Tightening Torque, Max 3 Nm	Padlockable	Yes, OFF Position Only
Colour, Body / Housing  Colour, Handle  Red colour  Neutral Pole (Optional)  Wire / Conductor Size (Min)  Wire / Conductor Size (Max)  Mechanical Service Life  Tightening Torque, Max  Yellow colour  Red colour  1155007  2.5 mm² min  10 mm²  10 mm²  100000 cycles  Tightening Torque, Max  3 Nm	IP Rating	IP65
Colour, Handle Red colour  Neutral Pole (Optional) 21155007  Wire / Conductor Size (Min) 2.5 mm² min  Wire / Conductor Size (Max) 10 mm²  Mechanical Service Life 100000 cycles  Tightening Torque, Max 3 Nm	Material, Body / Housing	PC (Polycarbonate) material
Neutral Pole (Optional)  Wire / Conductor Size (Min)  Wire / Conductor Size (Max)  Mechanical Service Life  Tightening Torque, Max  21155007  2.5 mm² min  10 mm²  10 mm²  100000 cycles  3 Nm	Colour, Body / Housing	Yellow colour
Wire / Conductor Size (Min)  Wire / Conductor Size (Max)  Mechanical Service Life  Tightening Torque, Max  2.5 mm² min  10 mm²  100000 cycles  3 Nm	Colour, Handle	Red colour
Wire / Conductor Size (Max)  Mechanical Service Life  100000 cycles  Tightening Torque, Max  10 mm²  100000 cycles	Neutral Pole (Optional)	21155007
Mechanical Service Life 100000 cycles Tightening Torque, Max 3 Nm	Wire / Conductor Size (Min)	2.5 mm² min
Tightening Torque, Max 3 Nm	Wire / Conductor Size (Max)	10 mm²
<u> </u>	Mechanical Service Life	100000 cycles
Operating Effort 1 Nm	Tightening Torque, Max	3 Nm
	Operating Effort	1 Nm

## Catalogue No: ISO340PYS

Switch

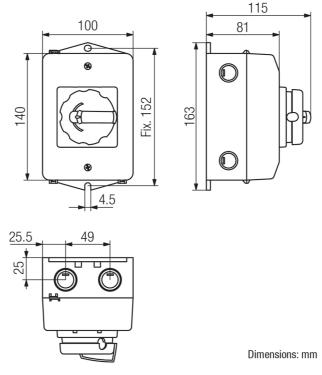
### ISO ENCLOSED SWITCH 3P 40A YELLOW POLY RED HANDLE





Height	140 mm
Width	100 mm
Depth	81 mm
Weight	0.386 kg

REFERENCES	
IECEx Certificate	-
Supplier Declaration of Conformity:	Polycarbonate Declaration of Conformity
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-



**Dimension Diagram**