

590.YA403R**SWITCH DISCONNECTOR**
40A 3P Y1 REAR (R)

* Product image may be indicative

EN IEC 60947-3 (2021)
EN IEC 60947-1 (2021)

Low voltage direct. 2014/35/EU

GENERAL CHARACTERISTICS

Commercial Series	COMMAND[MO] Series
Synthetical description	SWITCH DISCONNECTOR

Description

The COMMAND Series switch disconnecter is a rear (R) mounted, open type device designed for panel installation. It features a switch size of Y1 and is engineered to handle a rated current of 40A. This durable switch disconnecter is equipped with three poles (3P) and is capable of managing a current (Ie) of 35A in AC23A applications at 415V. The COMMAND Series ensures reliable performance and safety in demanding electrical environments, providing a dependable solution for professionals seeking high-quality electrical industrial products.

Type	REAR (R)
Mounting version	R

TECHNICAL CHARACTERISTICS

Rated current	40A
Poles	3P
Switch size	Y1
Rated voltage	690V
Rated insulation voltage (Ui)	690VAC
Rated impulse voltage (Uimp)	4kV
Thermal current (Ithe)	40A
Current (Ie) in AC21A (415V)	40A
Current (Ie) in AC21A (500V)	32A
Current (Ie) in AC21A (690V)	32A
Current (Ie) in AC22A (415V)	40A
Current (Ie) in AC22A (500V)	32A
Current (Ie) in AC22A (690V)	32A
Current (Ie) in AC23A (415V)	35A
Current (Ie) in AC23A (500V)	25A
Current (Ie) in AC23A (690V)	25A
Current (Ie) in AC3 (415V)	28.5A
Current (Ie) in AC3 (690V)	20A
Current (Ie) in DC22A (250V)	32A
Current (Ie) in DC22A (600V)	10A
Power AC23A (415V)	18.5kW
Short-time withstand current	400A Icw(1s)
Conditional short circuit cur.	10kAeff
Associate fuse - type gG	40A
Terminals - Flexible wires	1.5-10mm ²
Terminals - Rigid wires	1.5-16mm ²

PHYSICAL CHARACTERISTICS

Construction type	Open type
Mounting version	R
Material	THERMOPLASTIC
Installation temperature	-25°C/+60°C
Terminals tightening torque	0,8Nm

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Technical drawing [PDF]
Technical drawing [STP]

Technical drawing [DWG]
Instruction manual

■ **OPTIONS & VARIOUS NOTES**

Catalogue notes

REAR (R) = Panel mounting

590.YA323R**SWITCH DISCONNECTOR**
32A 3P Y1 REAR (R)

* Product image may be indicative



EN IEC 60947-3 (2021)
 EN IEC 60947-1 (2021)
 EN 60947-3/A2 (2015)
 EN 60947-1/A2 (2014)
 CSA C22.2 No. 60947-1-13
 UL 60947-4-1
 CSA C22.2 No. 60947-4-1-14
 UL 60947-1

Low voltage direct. 2014/35/EU

GENERAL CHARACTERISTICS

Commercial Series	COMMAND[MO] Series
Synthetical description	SWITCH DISCONNECTOR
Description	
The COMMAND Series switch disconnecter is a rear (R) mounted, open type device designed for panel installation. It features a switch size of Y1 and is engineered to handle a rated current of 32A. This durable switch disconnecter is equipped with three poles (3P) and is capable of managing a current (Ie) of 32A in AC23A applications at 415V. The COMMAND Series ensures reliable performance and safety in demanding electrical environments, making it a dependable choice for professionals seeking high-quality electrical industrial products.	
Type	REAR (R)
Mounting version	R

TECHNICAL CHARACTERISTICS

Rated current	32A
Poles	3P
Switch size	Y1
Rated voltage	690V
Rated insulation voltage (Ui)	690VAC
Rated impulse voltage (Uimp)	4kV
Thermal current (Ithe)	40A
Current (Ie) in AC21A (415V)	40A
Current (Ie) in AC21A (500V)	32A
Current (Ie) in AC21A (690V)	32A
Current (Ie) in AC22A (415V)	32A
Current (Ie) in AC22A (500V)	32A
Current (Ie) in AC22A (690V)	32A
Current (Ie) in AC23A (415V)	32A
Current (Ie) in AC23A (500V)	25A
Current (Ie) in AC23A (690V)	25A
Current (Ie) in AC3 (415V)	25A
Current (Ie) in AC3 (690V)	18A
Current (Ie) in DC22A (250V)	32A
Current (Ie) in DC22A (600V)	10A
Power AC23A (415V)	15kW
Short-time withstand current	400A Icw(1s)
Conditional short circuit cur.	10kAeff
Associate fuse - type gG	32A
Terminals - Flexible wires	1.5-10mm ²
Terminals - Rigid wires	1.5-16mm ²
Terminals (AWG)	16-8AWG
General use Voltage	600VAC
General use FLA - Amb.tem.40°C	40A
General use FLA - Amb.tem.70°C	35A
Short circuit rating	5kA
Fuse type RK5 rating	40A
Horsepower 3ph (B,C,D) (240V)	10Hp
Horsepower 3ph (B,C,D) (480V)	15Hp
Horsepower 3ph (B,C,D) (600V)	20Hp
Horsepower 1 phase (120V)	2Hp
Horsepower 1 phase (240V)	5Hp

FLA Motor load 3 phases (240V)	22A
FLA Motor load 3 phases (480V)	27A
FLA Motor load 3 phases (600V)	27A
FLA Motor load 1 phase (120V)	34A
FLA Motor load 1 phase (240V)	28A

■ PHYSICAL CHARACTERISTICS

Construction type	Open type
Mounting version	R
Material	THERMOPLASTIC
Installation temperature	-25°C/+60°C
Terminals tightening torque	0,8Nm
Terminals tightening torque	7LB.IN

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[Technical drawing \[PDF\]](#)
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■ OPTIONS & VARIOUS NOTES

Catalogue notes	REAR (R) = Panel mounting
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