

Product data sheet

Characteristics

TA10D2L0503TPE

active automatic transfer switch, TransferPacT
Active automatic, 50A, 2P, LCD, frame 100A



Main



Range of product	TransferPacT
Product or component type	Automatic transfer switch
Device application	Change source of supply
Poles description	2P
Network type	AC
Network frequency	50/60 Hz
Downside connection	Screwed
Mounting mode	Fixed
Upside connection	Screwed
Contact position indicator	Yes
[Icm] rated short-circuit making capacity	15 kA switch-disconnector alone 400 V AC at 50 Hz 75 kA with upstream protection circuit breaker 400 V AC at 50 Hz
Suitability for isolation	Yes

Complementary

Transfer switch class	PC
Number of contact position	3
Signal contacts composition	1 NO + 2 NC 1 NC + 2 NO 2 NO
Utilization category	AC-33B
[Ue] rated operational voltage	230 V AC 50/60 Hz
Control type	4 push-buttons
Operating mode	Automatic Manual
Display type	LCD screen
Mounting support	Plate DIN rail
Locking options description	Padlock in OFF position
Rated duty	Uninterrupted
[Ui] rated insulation voltage	Switch: 800 V Controller: 500 V
[Uimp] rated impulse withstand voltage	Switch: 6 kV Controller: 6 kV
[Ie] rated operational current	50 A
Mechanical interlocking	With mechanical interlocking
Mechanical durability	8000 cycles
Connection pitch	18 mm
[Icw] rated short-time withstand current	5 kA during 0.1 s
Height	145 mm
Width	306 mm
Depth	94 mm
Net weight	3.4 kg
[Ith] conventional free air thermal current	50 A at 60 °C

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Environment

Standards	IEC 60947-6-1
Product certifications	CE[RETURN]CB[RETURN]CCC
IP degree of protection	Front face: IP40 auto mode Inside the enclosure: IP20 manual mode
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-35...85 °C
Pollution degree	3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.6 cm
Package 1 Width	21.1 cm
Package 1 Length	36.7 cm
Package 1 Weight	3.2 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information