

Pre-selection relay, 230VAC/50Hz, 3N/O, 20A, 1HP



Part no. **Z-TN230/3S**
265576

Product name	Eaton Distribution parts
Part no.	Z-TN230/3S
EAN	4015082655761
Product Length/Depth	80 millimetre
Product height	70 millimetre
Product width	17.5 millimetre
Product weight	0.263 kilogram
Compliances	RoHS conform
Product Tradename	None
Product Type	Distribution parts
Product Sub Type	None
Public Consumption	Yes
PDH Status	Active
Product Family Description	ES-PMCC-PDC-Eaton Distribution parts
Globally Marketable	Yes
Ambient operating temperature - max	45 °C
Ambient operating temperature - min	-20 °C
Amperage Rating	20 A
Built-in depth	60 mm
Built-in depth [7EF000218]	mm
Control voltage 1 - max	230 V
Control voltage 1 - min	230 V
Control voltage 1 type	AC
Control voltage 1 [7EF002952]	V
Control voltage 2 - max	0 V
Control voltage 2 - min	0 V
Control voltage 2 type	AC/DC
Control voltage 2 [7EF002953]	V
Equipment heat dissipation, current-dependent	8.4 W
Frequency control voltage 1 - max	50 Hz
Frequency control voltage 1 - min	50 Hz
Frequency control voltage 1 [7EF002956]	Hz
Frequency control voltage 2 - max	0 Hz
Frequency control voltage 2 - min	0 Hz
Frequency control voltage 2 [7EF002957]	Hz
Functions	Mechanical
Heat dissipation per pole, current-dependent	2 W
Incandescent lamp load - max	0 W
Load fluorescent lamp (duo circuit) - max	0 V-A
Load fluorescent lamp (parallel compensated) - max	0 V-A
Load fluorescent lamp - max	0 V-A
Max. incandescent lamp load [7EF004952]	W
Max. load fluorescent lamp (Duo circuit) [7EF004972]	V-A
Max. load fluorescent lamp (parallel compensated) [7EF004973]	V-A
Max. load fluorescent lamp [7EF004971]	V-A
Max. switching current (cos phi = 0.6) [7EF004920]	A
Mounting method	DIN rail

Number of contacts (change-over contacts)		0
Number of contacts (normally closed contacts)		0
Number of contacts (normally open contacts)		3
Rated current [7EF000227]		A
Rated operational current for specified heat dissipation (In)		20 A
Supply voltage - max		250 V
Supply voltage - min		250 V
Supply voltage [7EF004127]		V
Switching current (cos phi = 0.6) - max		0 A
Voltage type		AC
Width in number of modular spacings		1

Technical data ETIM 8.0

Devices for distribution board-/surface mounting (EG000062) / Installation relay (EC001652)		
Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Installation relay for distribution board (ecl@ss10.0.1-27-14-23-09 [AFZ821014])		
Function		Mechanical
Mounting method		DIN rail
Width in number of modular spacings		1
Built-in depth	mm	60
Number of contacts as normally open contact		3
Number of contacts as normally closed contact		0
Number of contacts as change-over contact		0
Control voltage 1	V	230 - 230
Type of control voltage 1		AC
Frequency control voltage 1	Hz	50 - 50
Control voltage 2	V	0 - 0
Type of control voltage 2		AC/DC
Frequency control voltage 2	Hz	0 - 0
Rated current	A	20
Supply voltage	V	250 - 250
Voltage type of supply voltage		AC
Max. incandescent lamp load	W	0
Max. load fluorescent lamp	VA	0
Max. load fluorescent lamp (Duo circuit)	VA	0
Max. load fluorescent lamp (parallel compensated)	VA	0
Max. switching current (cos phi = 0.6)	A	0